

Application No. 10/084,763
Reply to Office Action of August 28, 2003

IN THE DRAWINGS

The attached sheets of drawings include deletion of inaccurate page headers and the notation of reference No. 344 in Fig. 7.

Attachment: Replacement Sheets-50

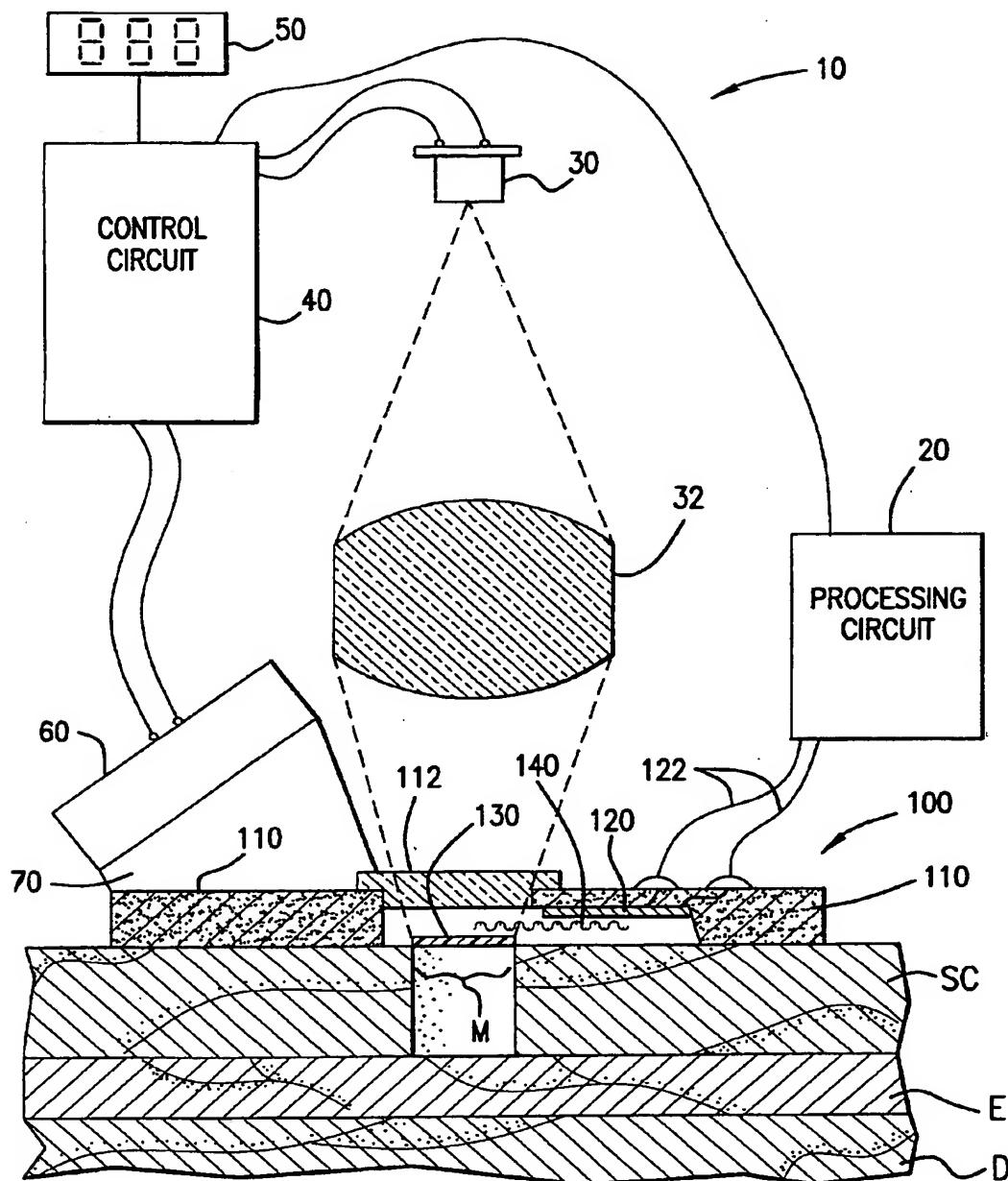


FIG.1

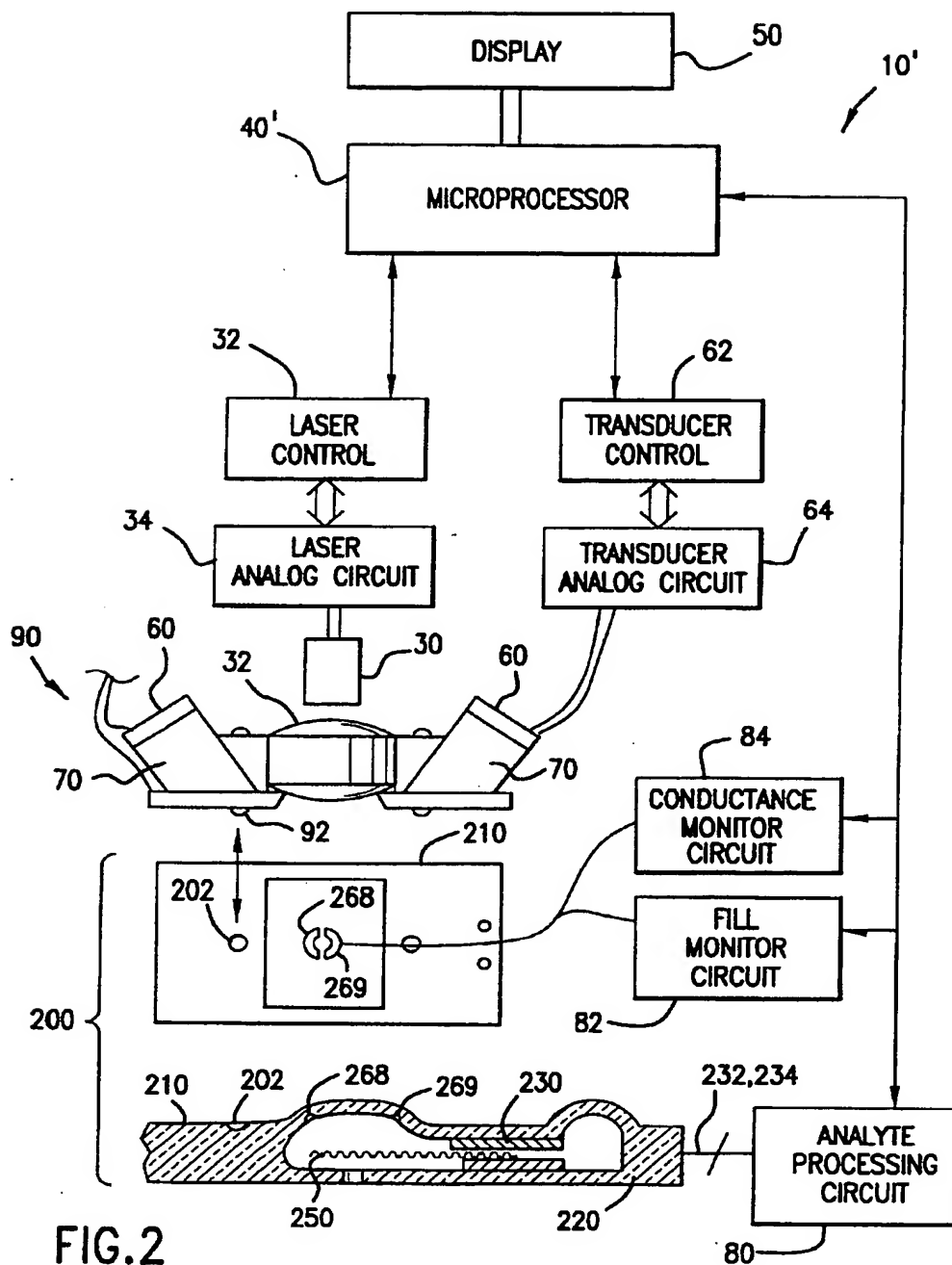


FIG.2

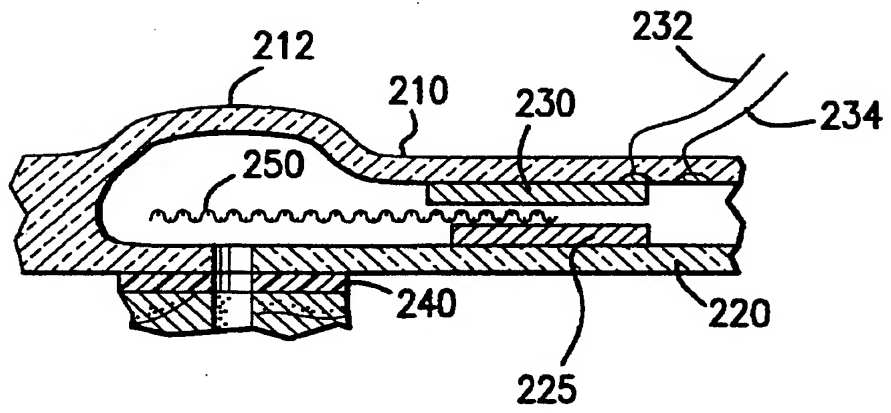


FIG.3

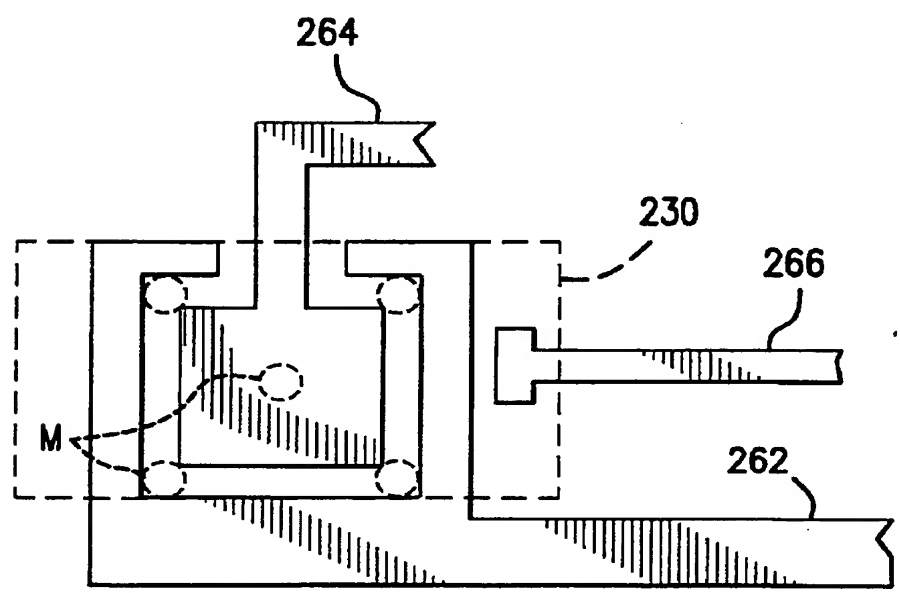


FIG.4



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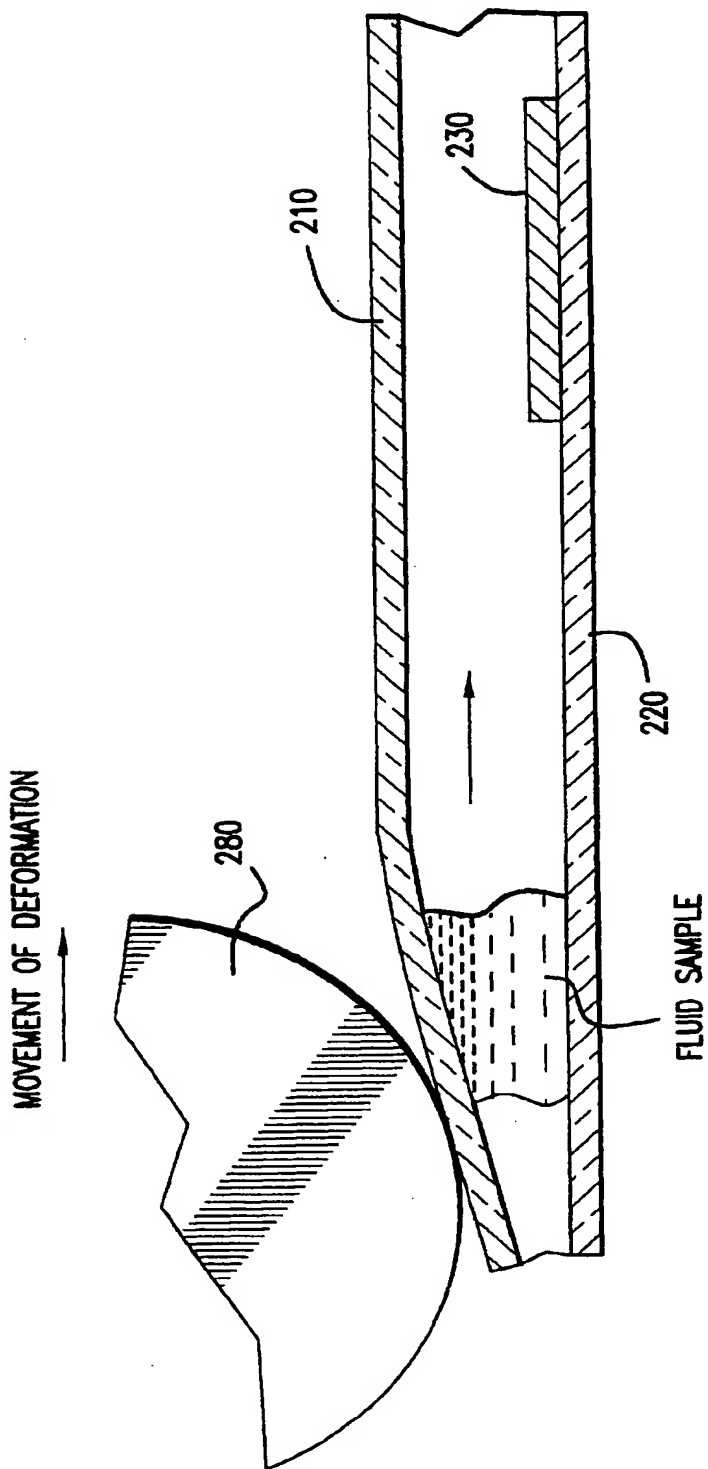


FIG. 5

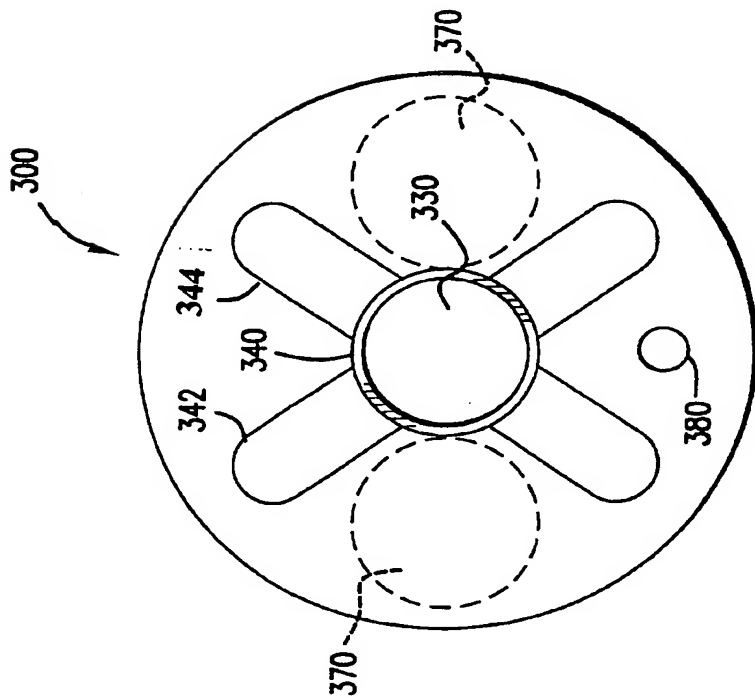


FIG. 7

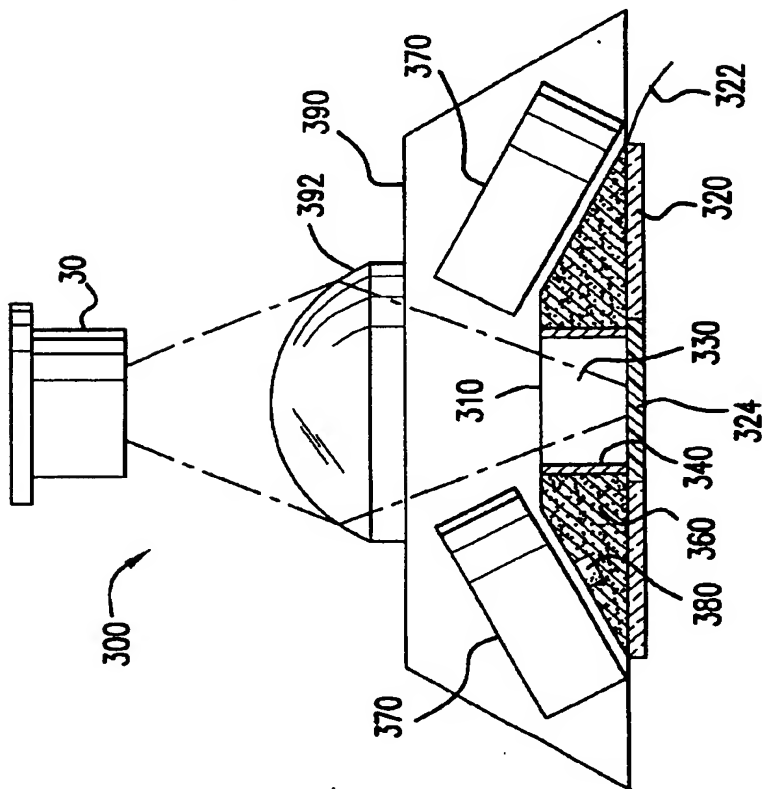


FIG. 6

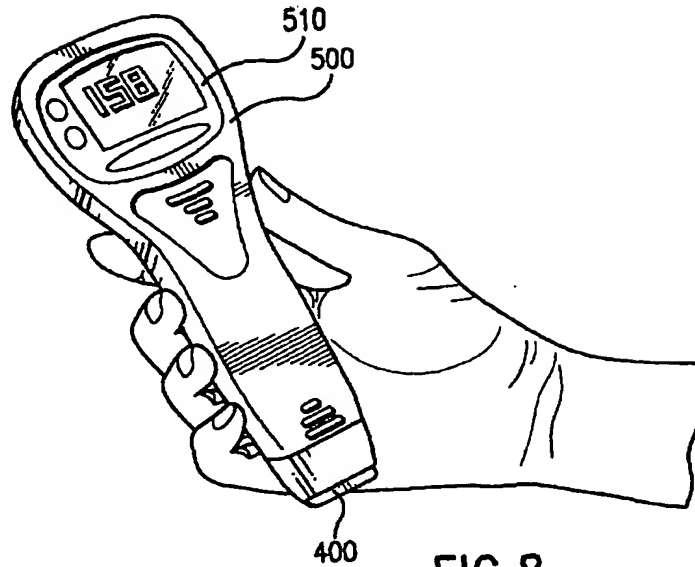


FIG. 8

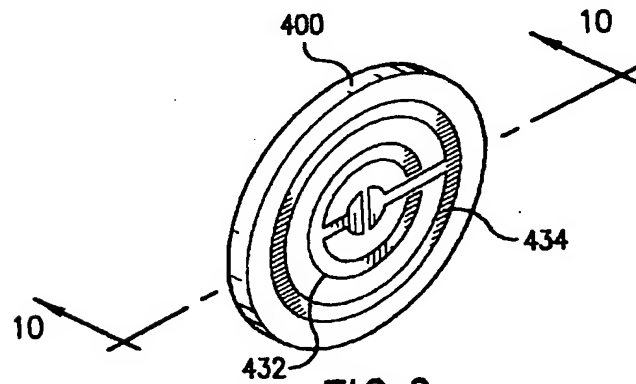


FIG. 9

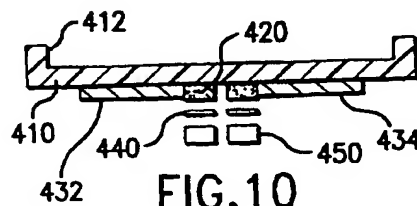


FIG. 10



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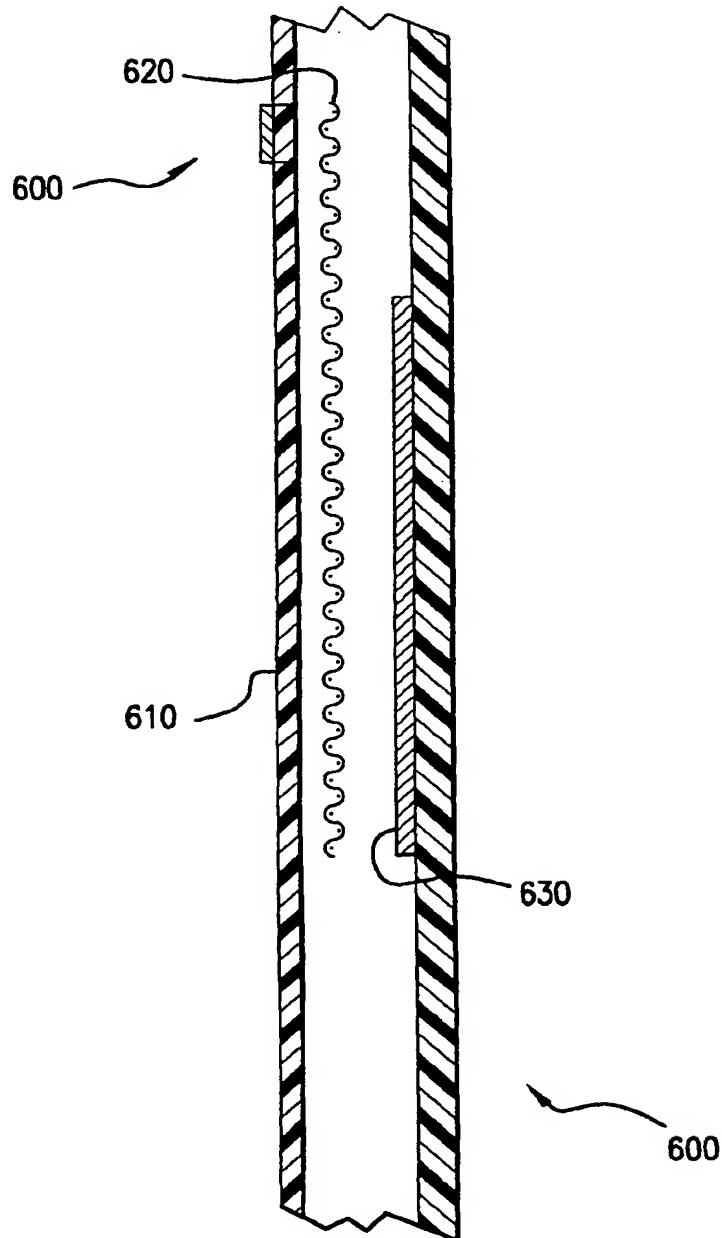


FIG.11



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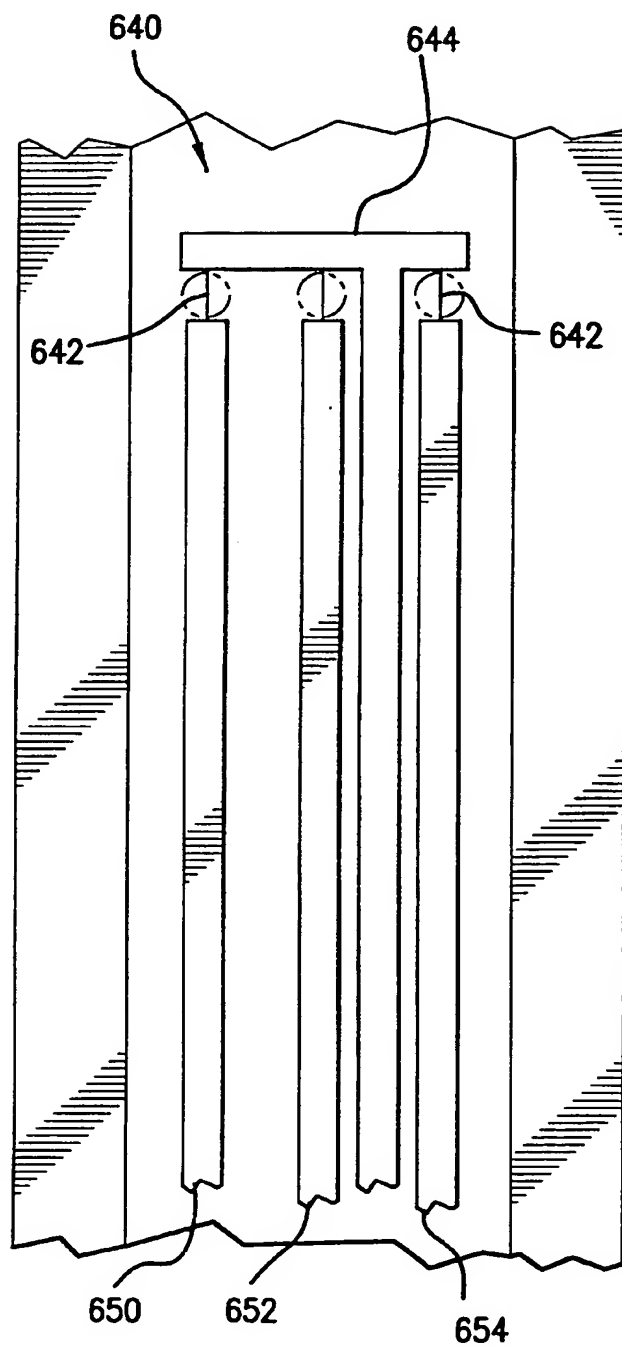


FIG.12



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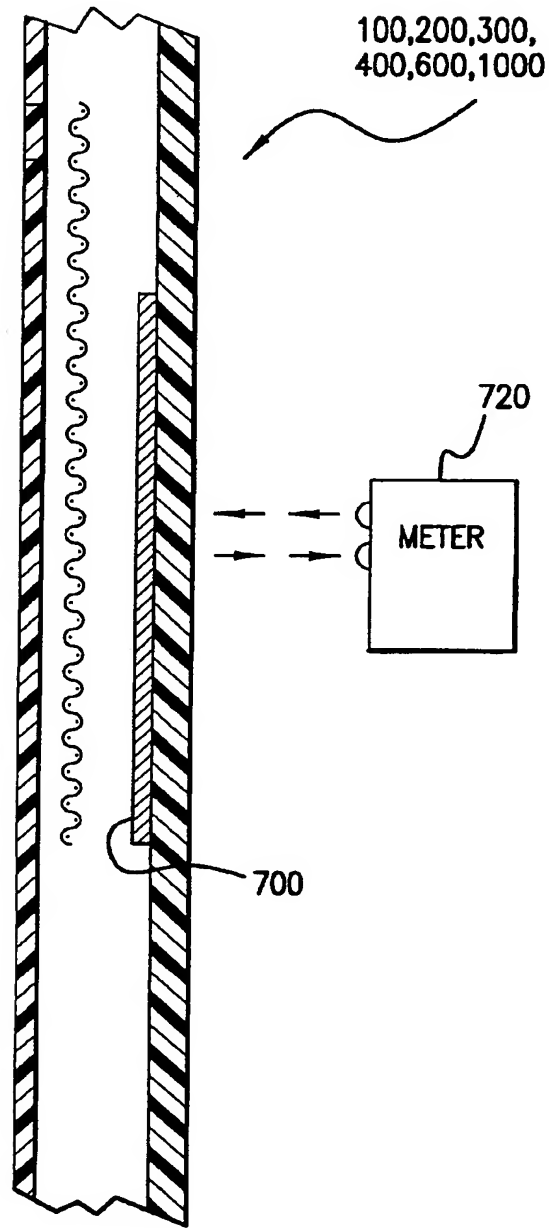


FIG.13



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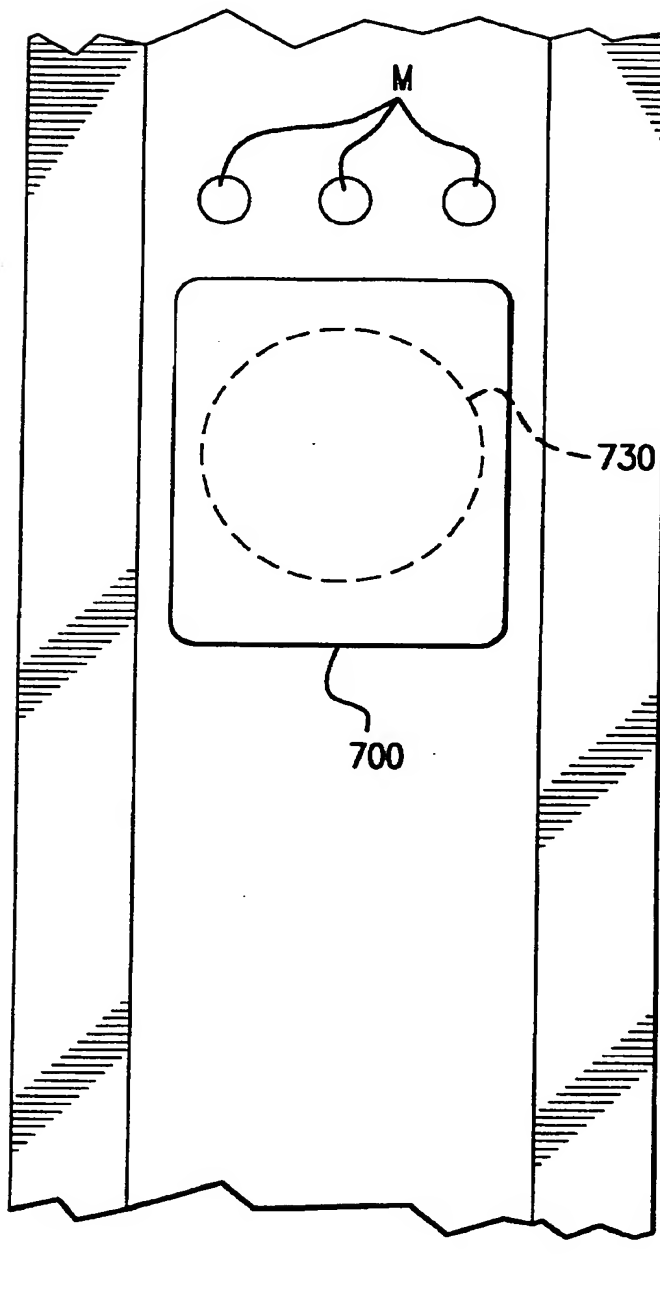


FIG.14

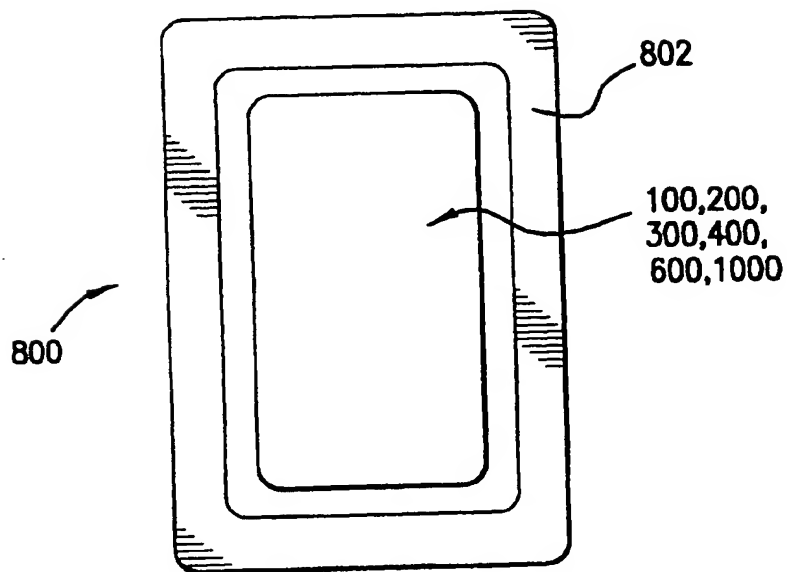


FIG. 15

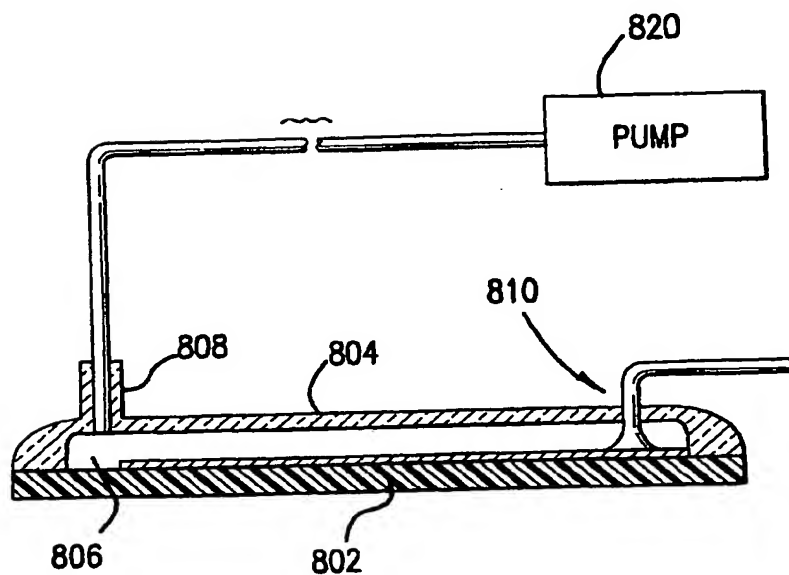


FIG. 16

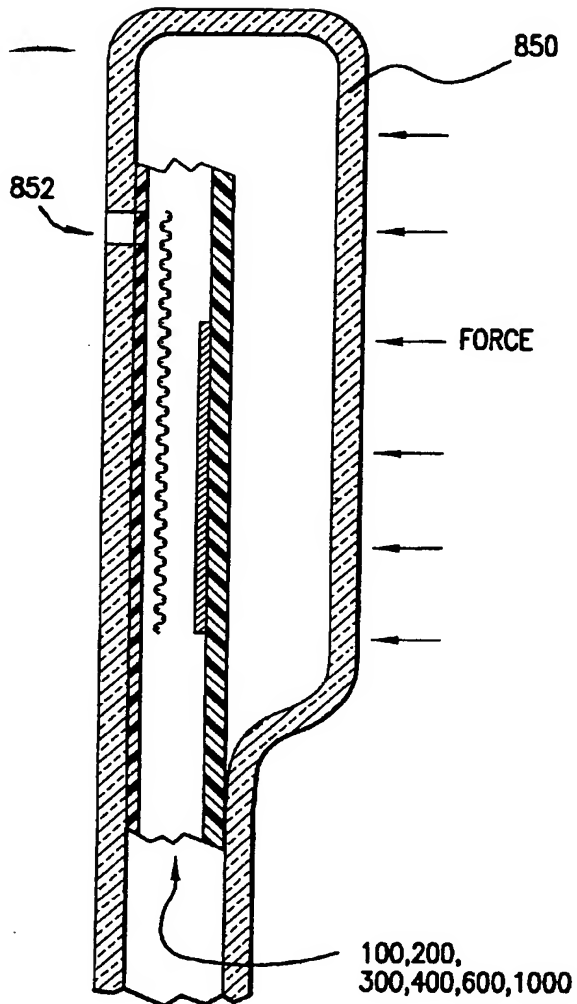


FIG.17

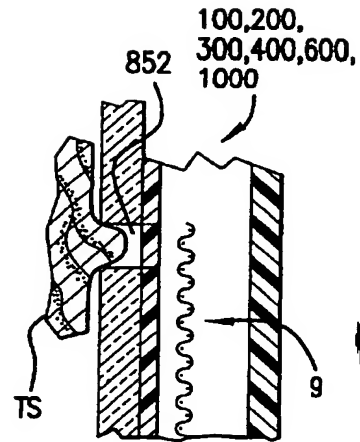
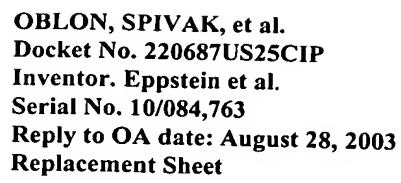
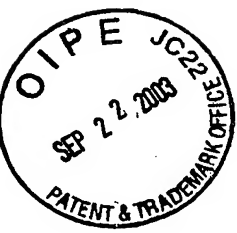


FIG.18





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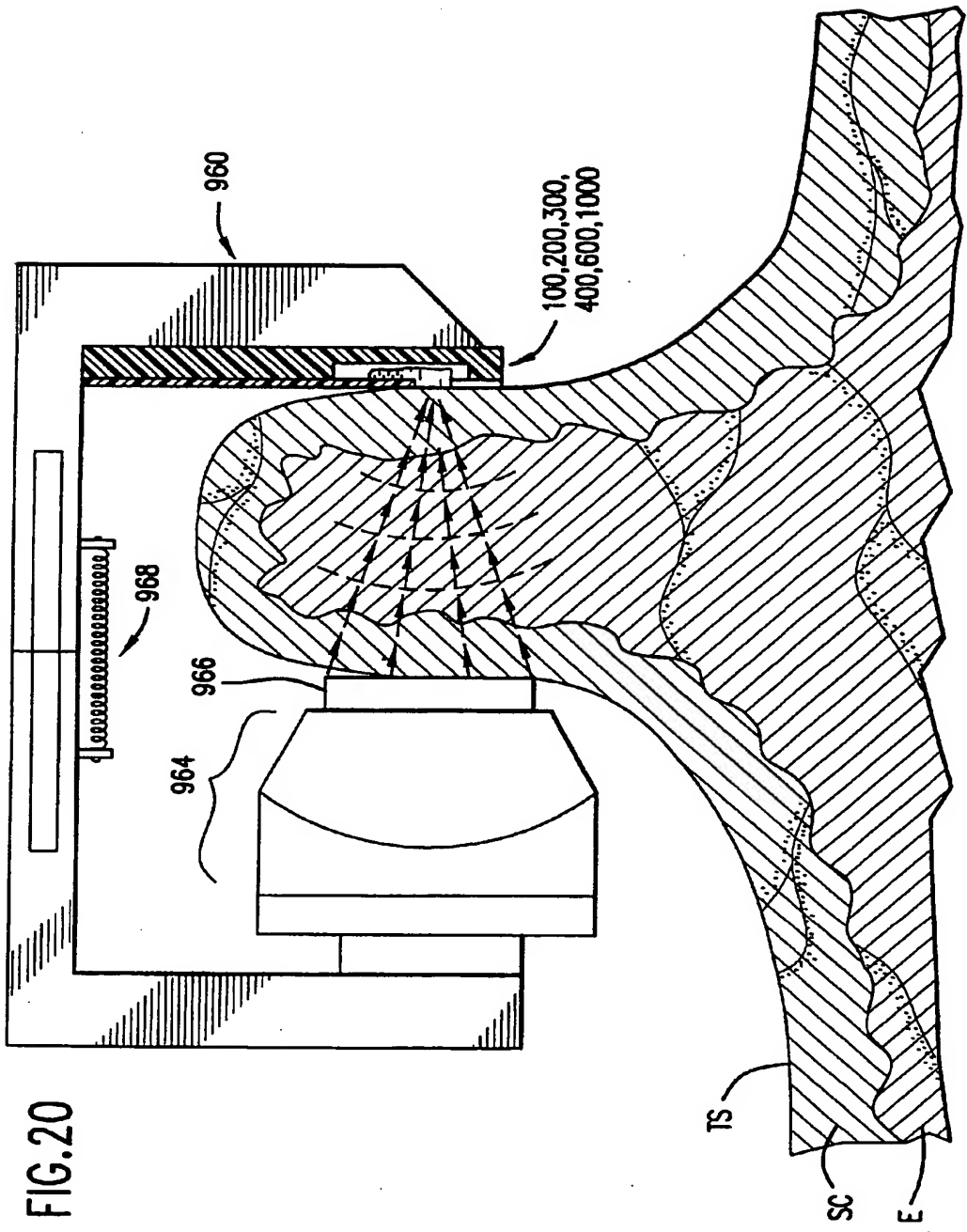


FIG.20

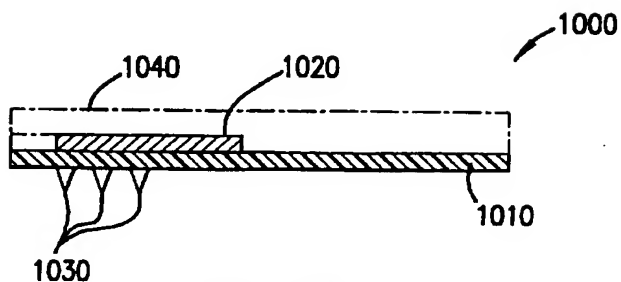


FIG. 21

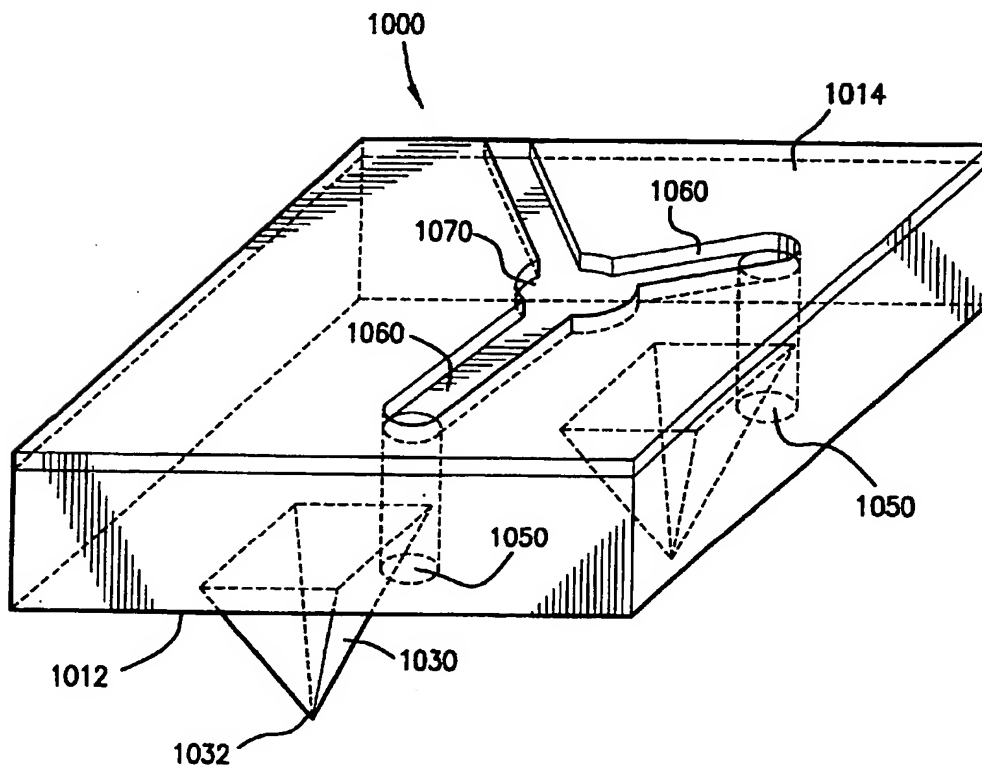


FIG. 22

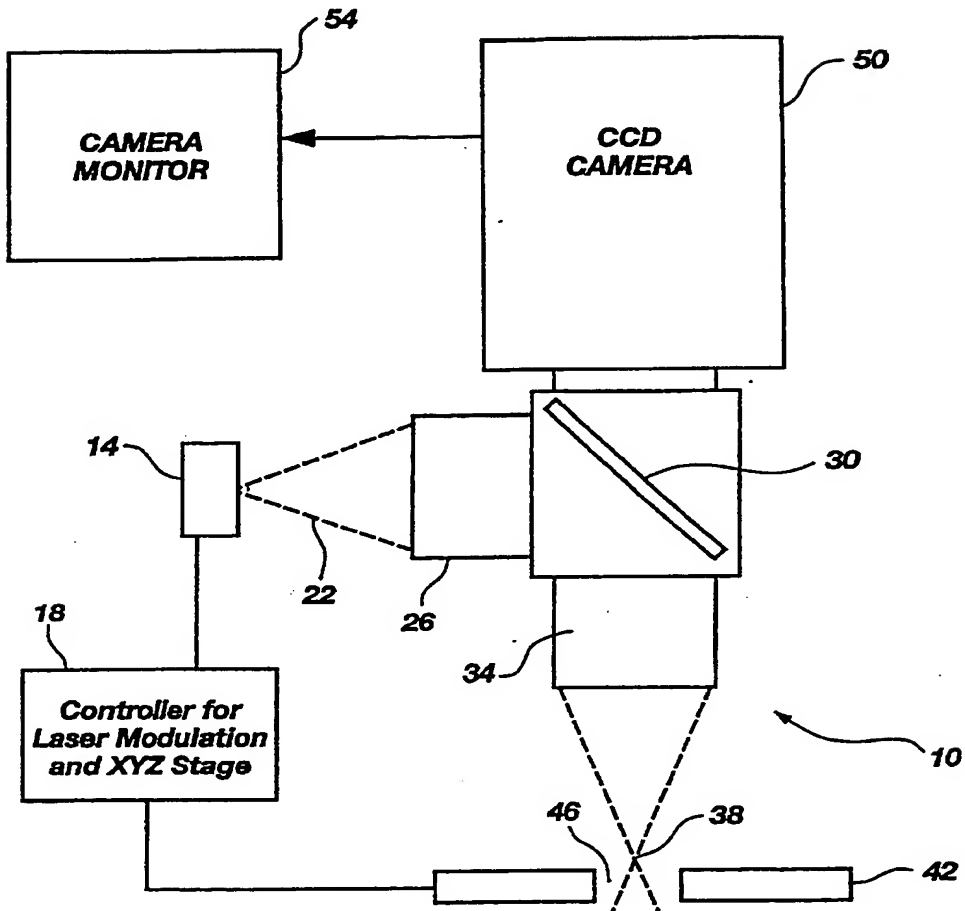


Fig. 23



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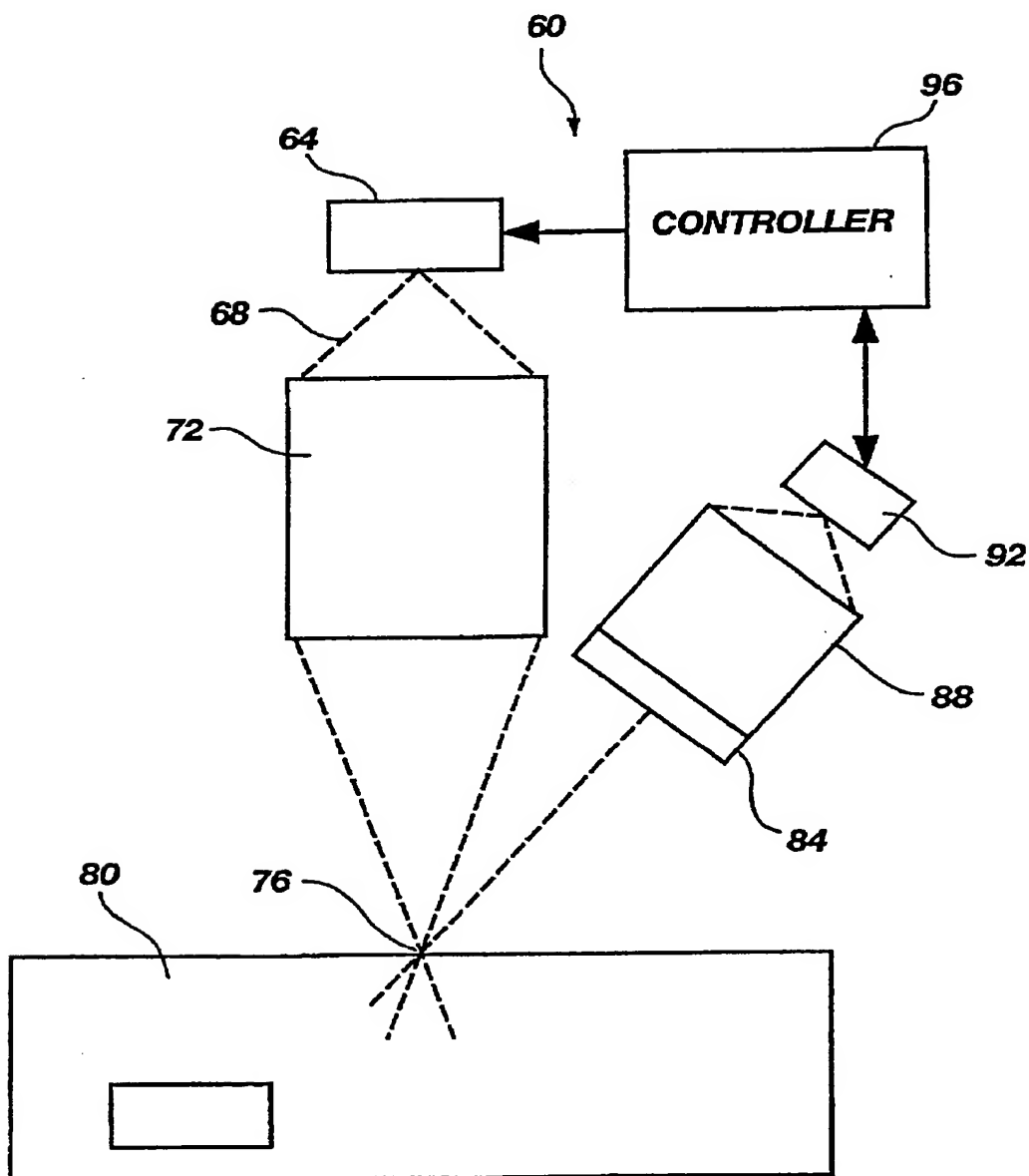
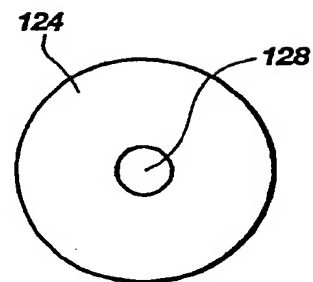
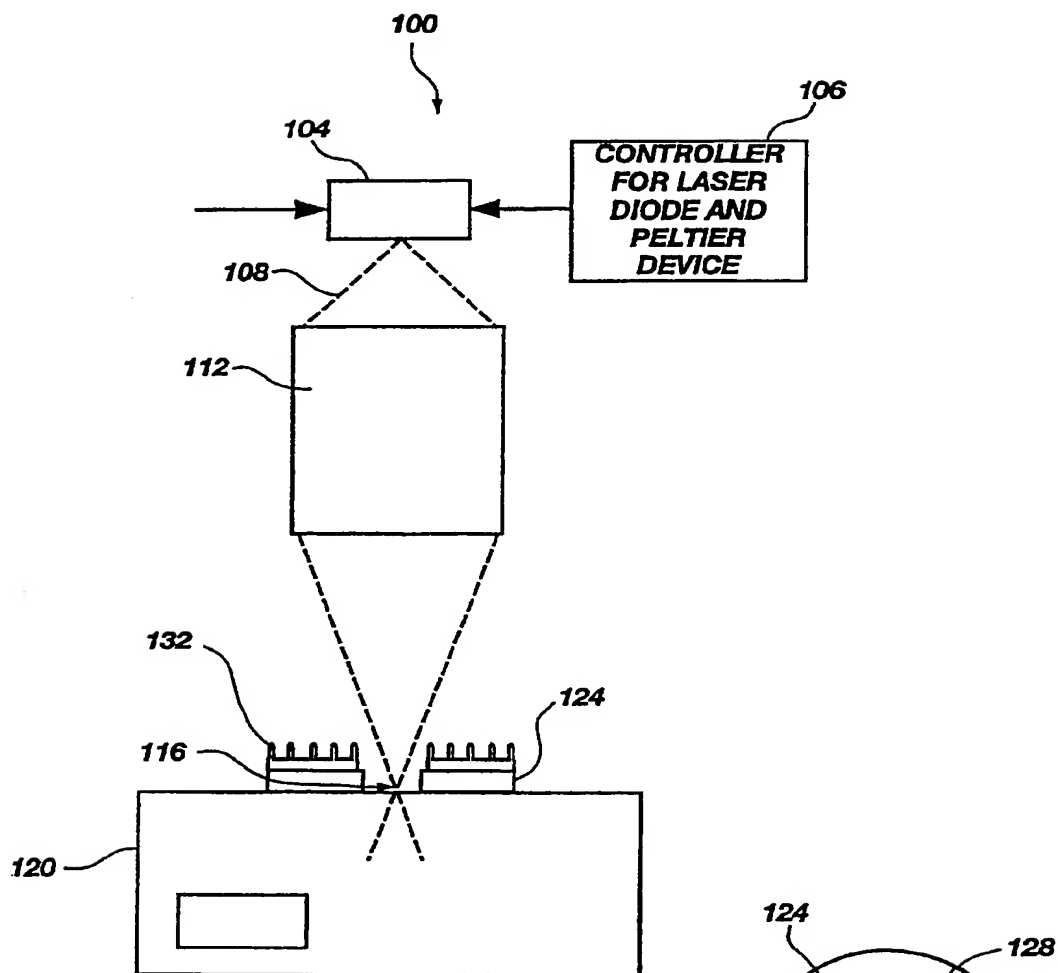
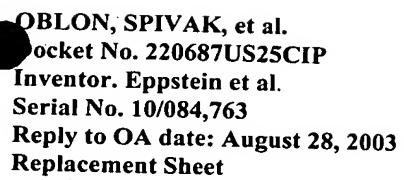


Fig. 24





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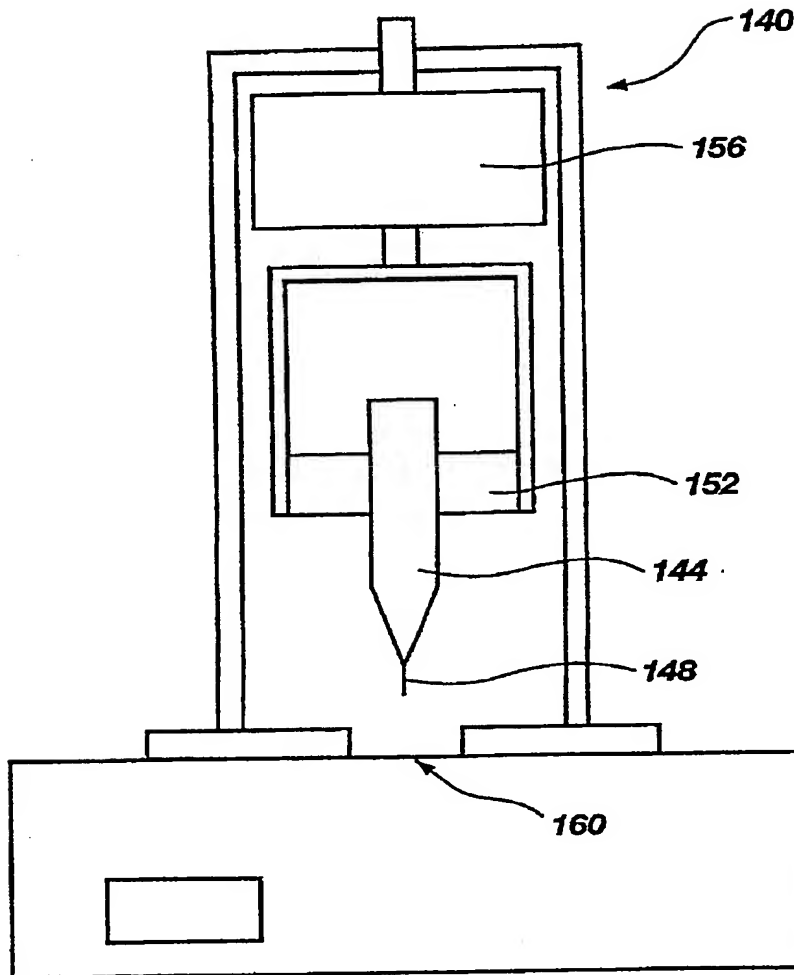
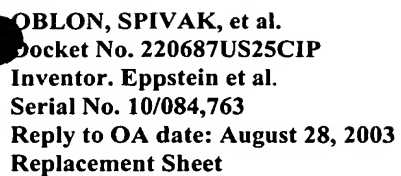


Fig. 26



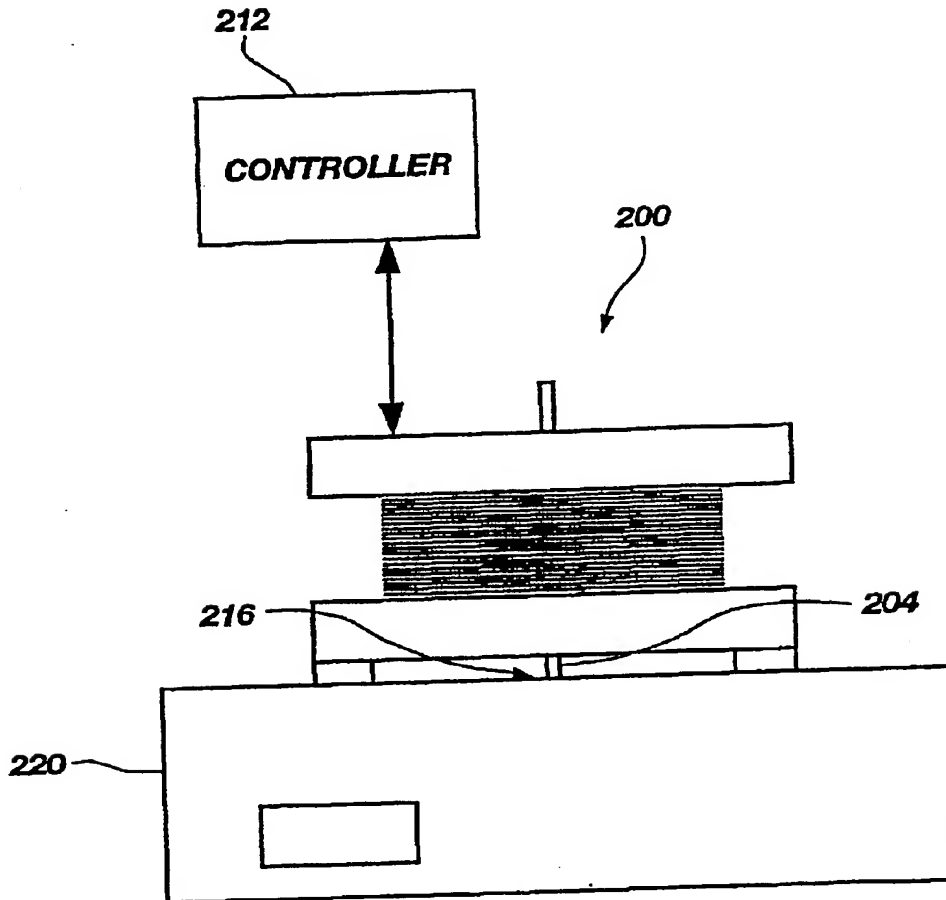


Fig. 28



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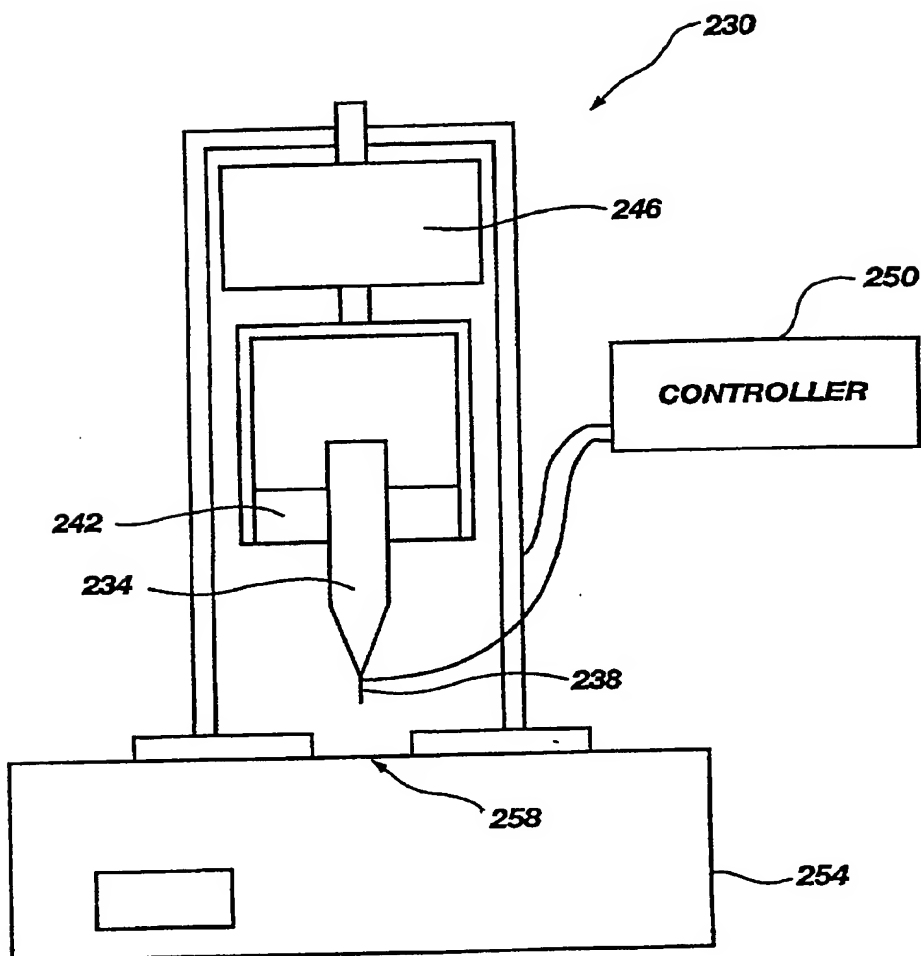


Fig. 29



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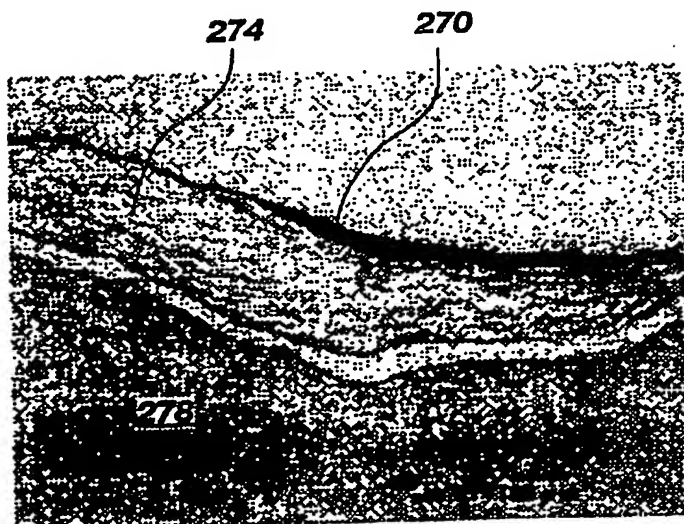


Fig. 30A

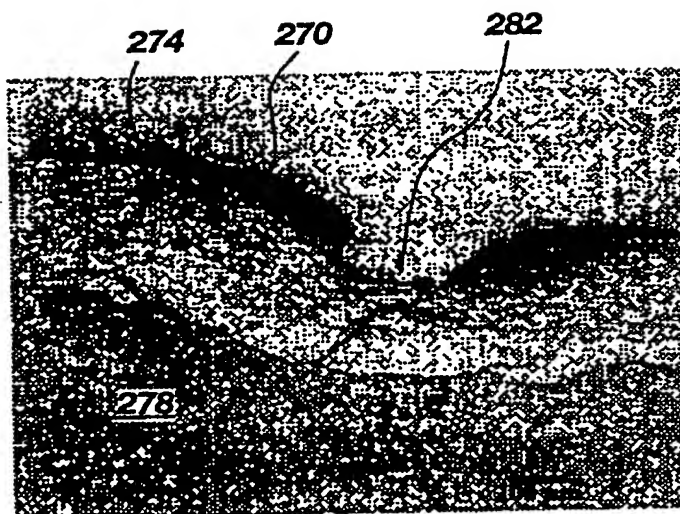


Fig. 30B



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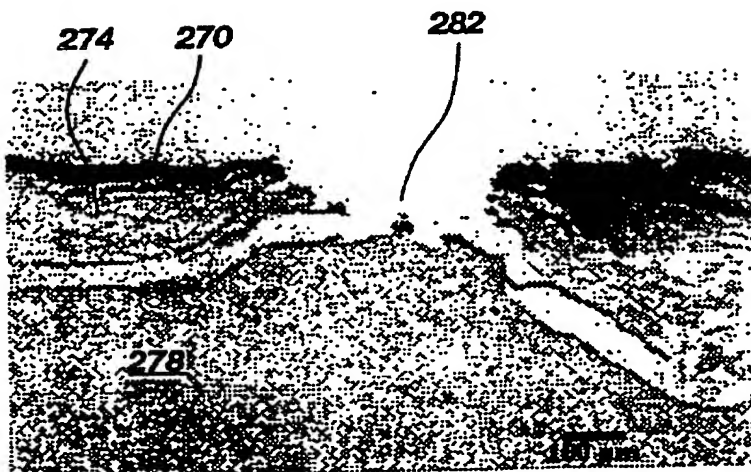


Fig. 30C

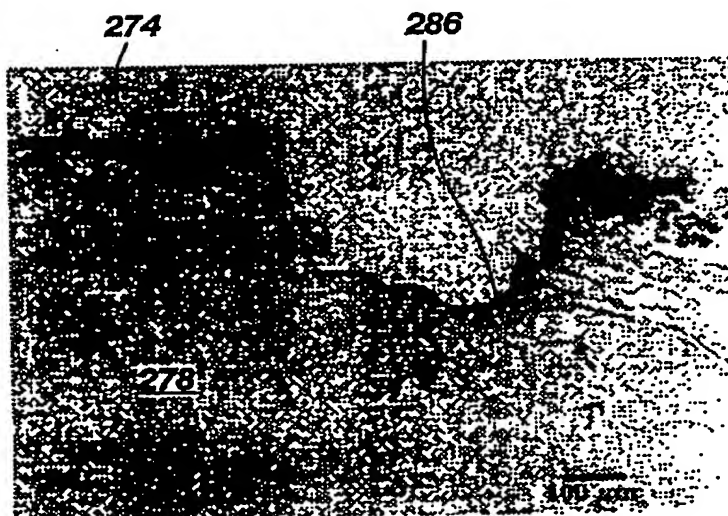


Fig. 30D



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MAXIMUM LENGTH OF A SINGLE HEAT PULSE, $t = .021$ SECONDS, UNTIL DAMAGE THRESHOLD ENTERS VIABLE TISSUE

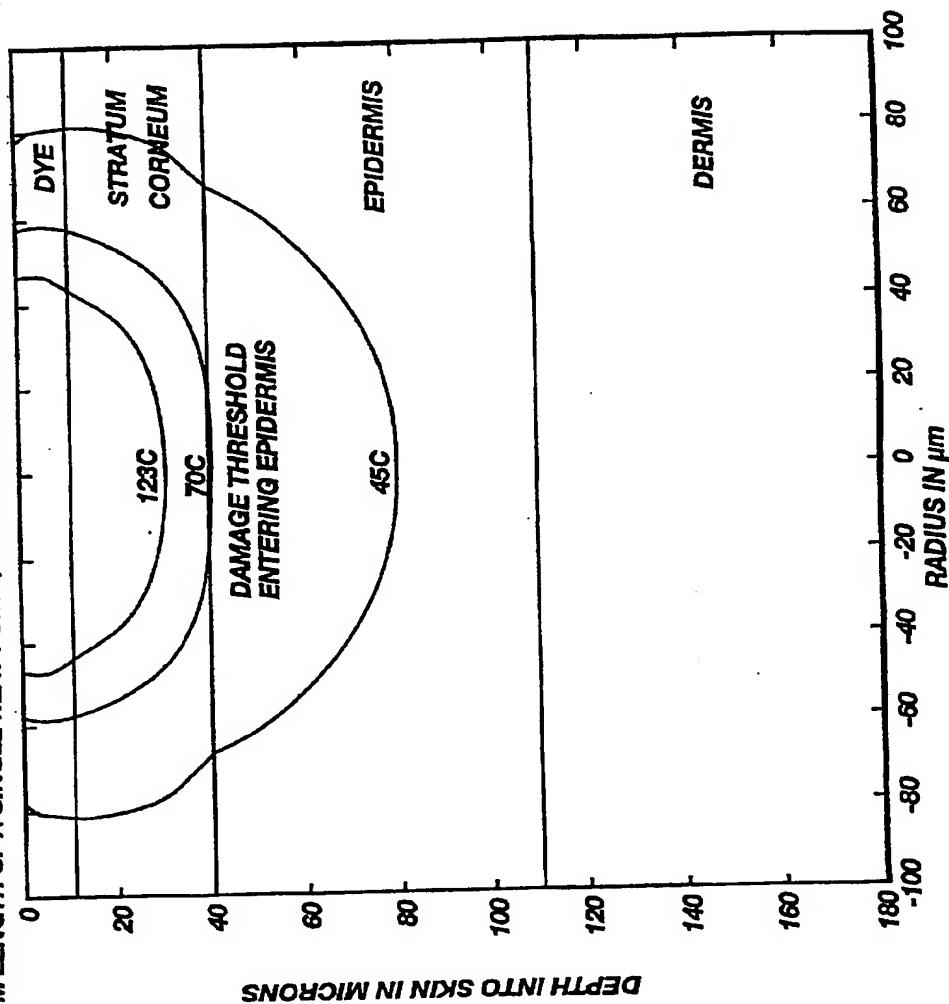


Fig. 31



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MAXIMUM LENGTH OF A SINGLE HEAT PULSE, $t = .060$ SECONDS, UNTIL PAIN THRESHOLD ENTERS ENERVATED TISSUE

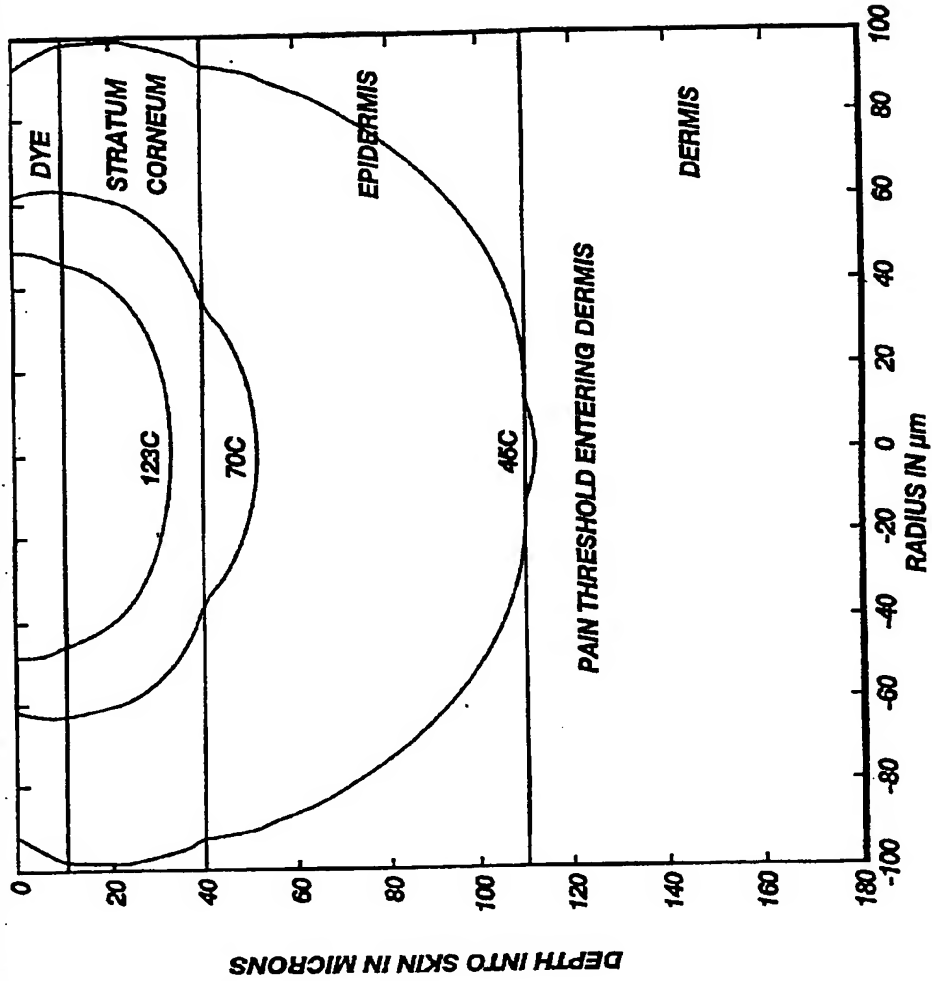


Fig. 32

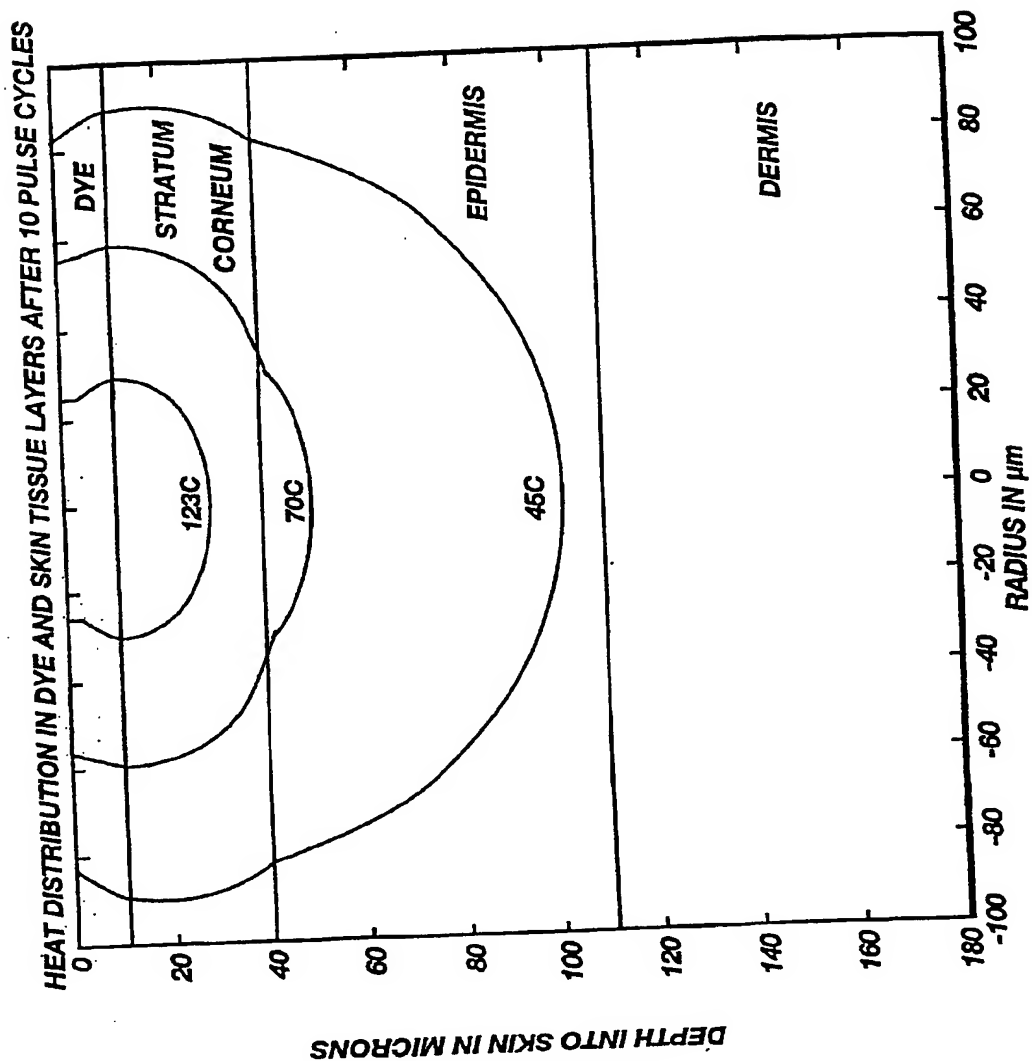


Fig. 33



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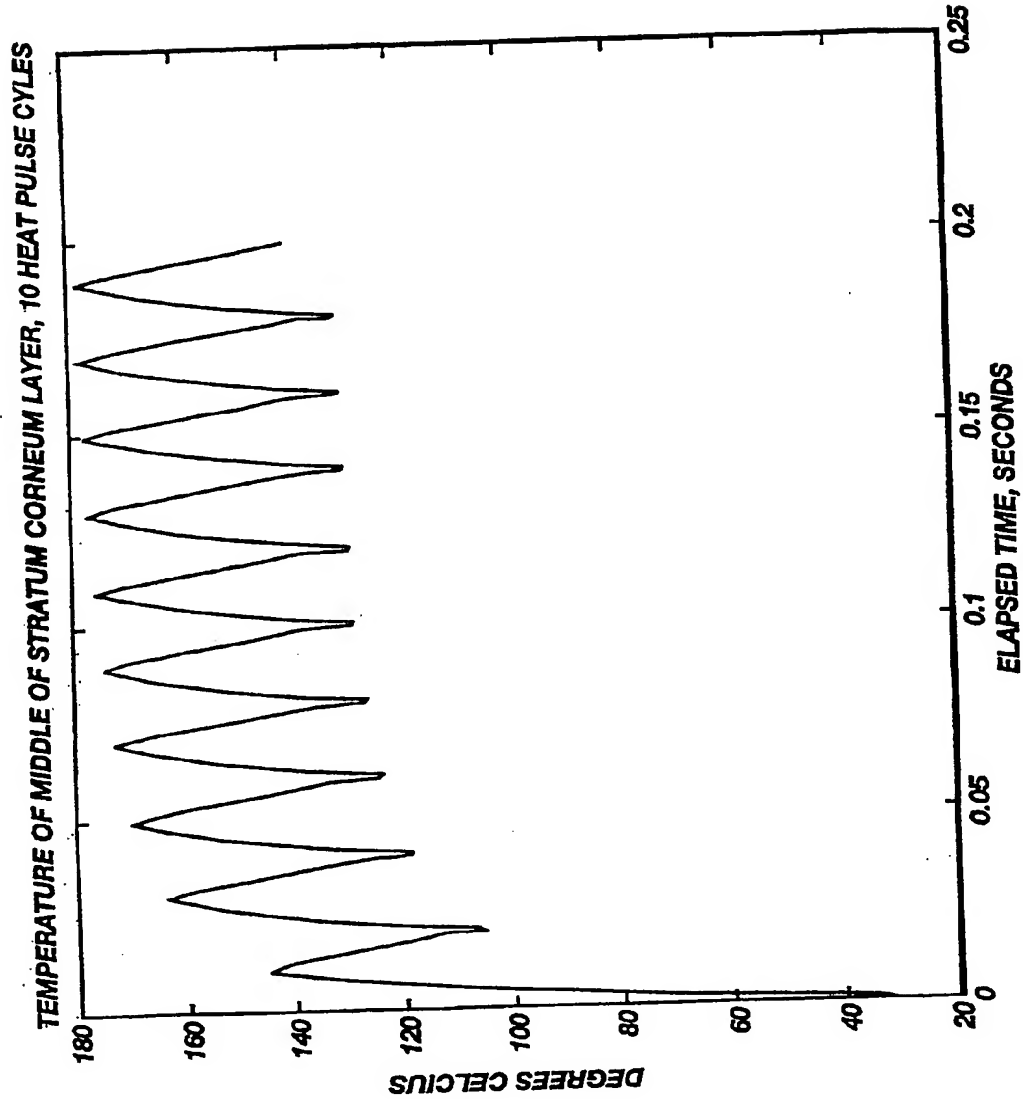


Fig. 34



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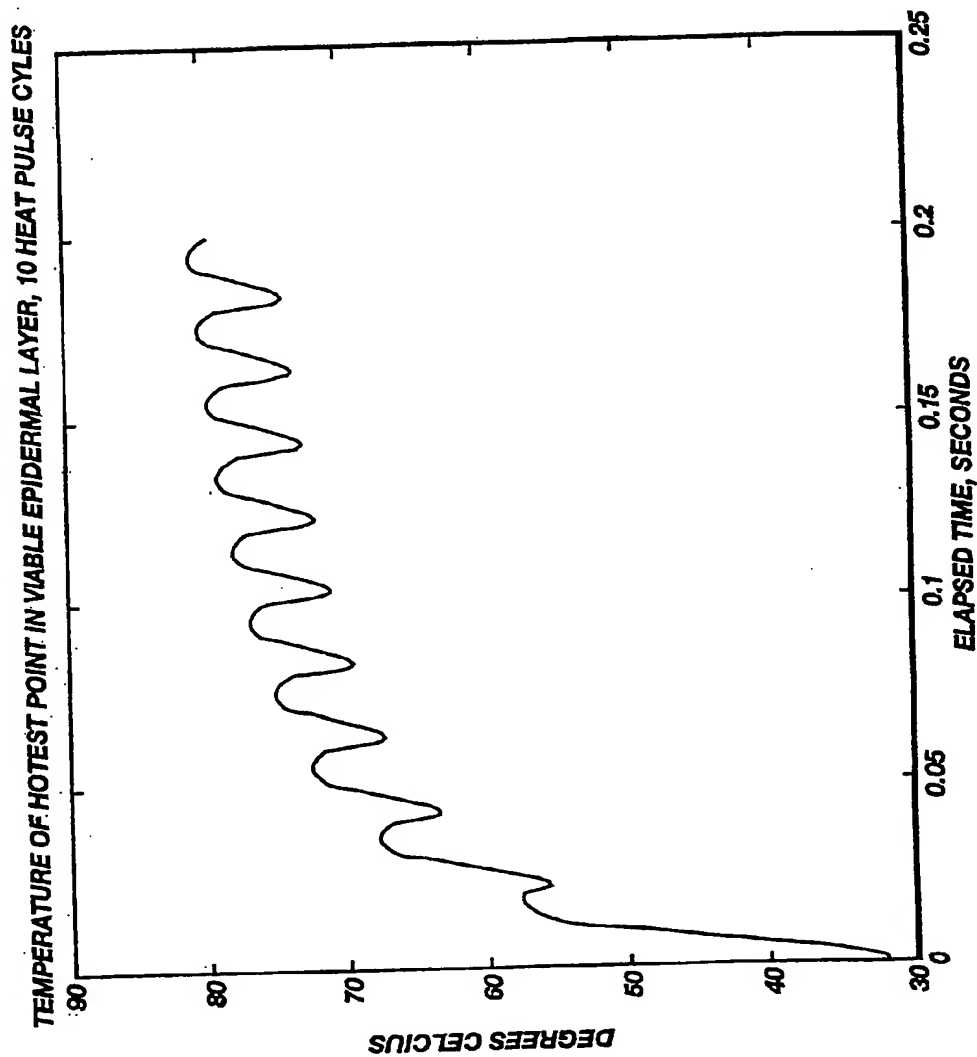


Fig. 35



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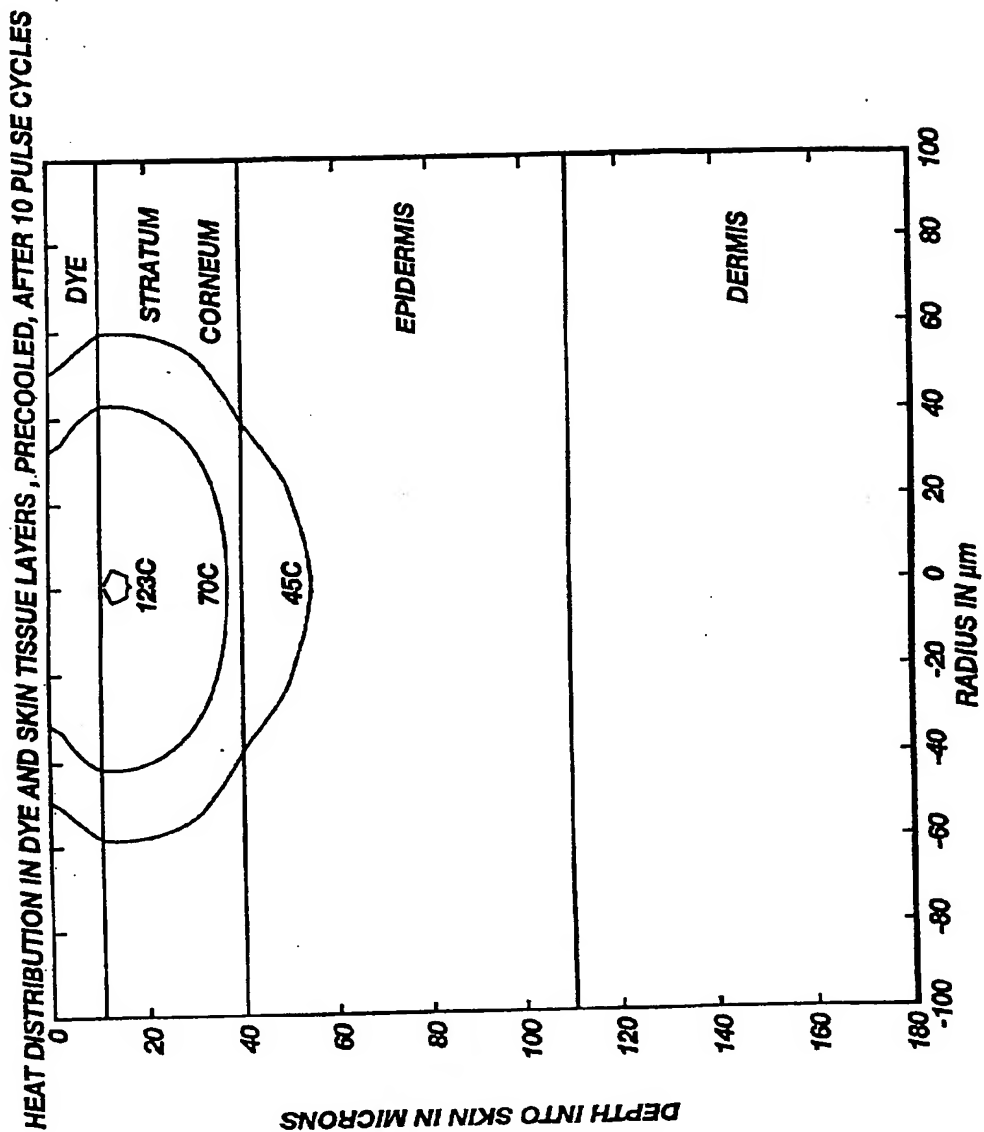
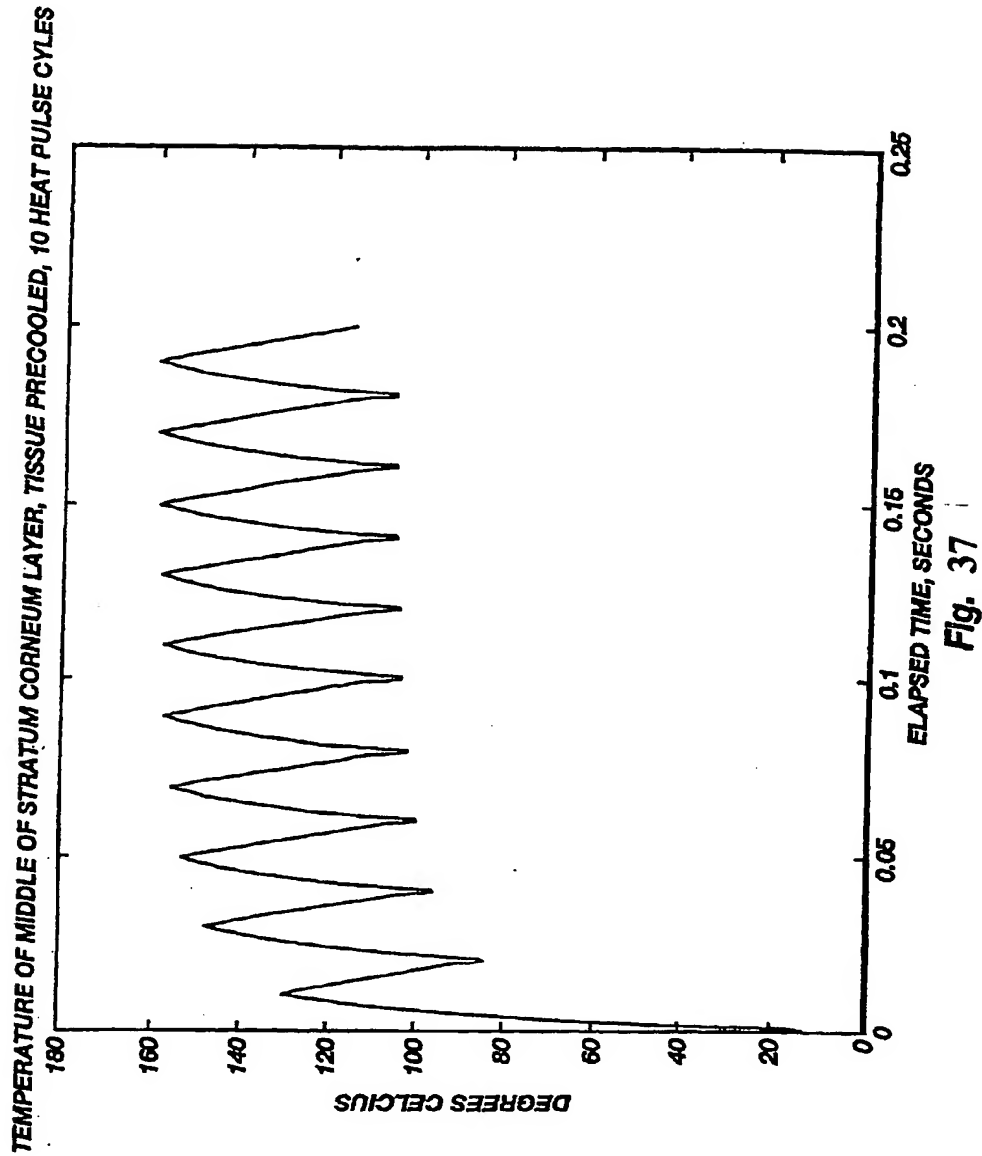


Fig. 36



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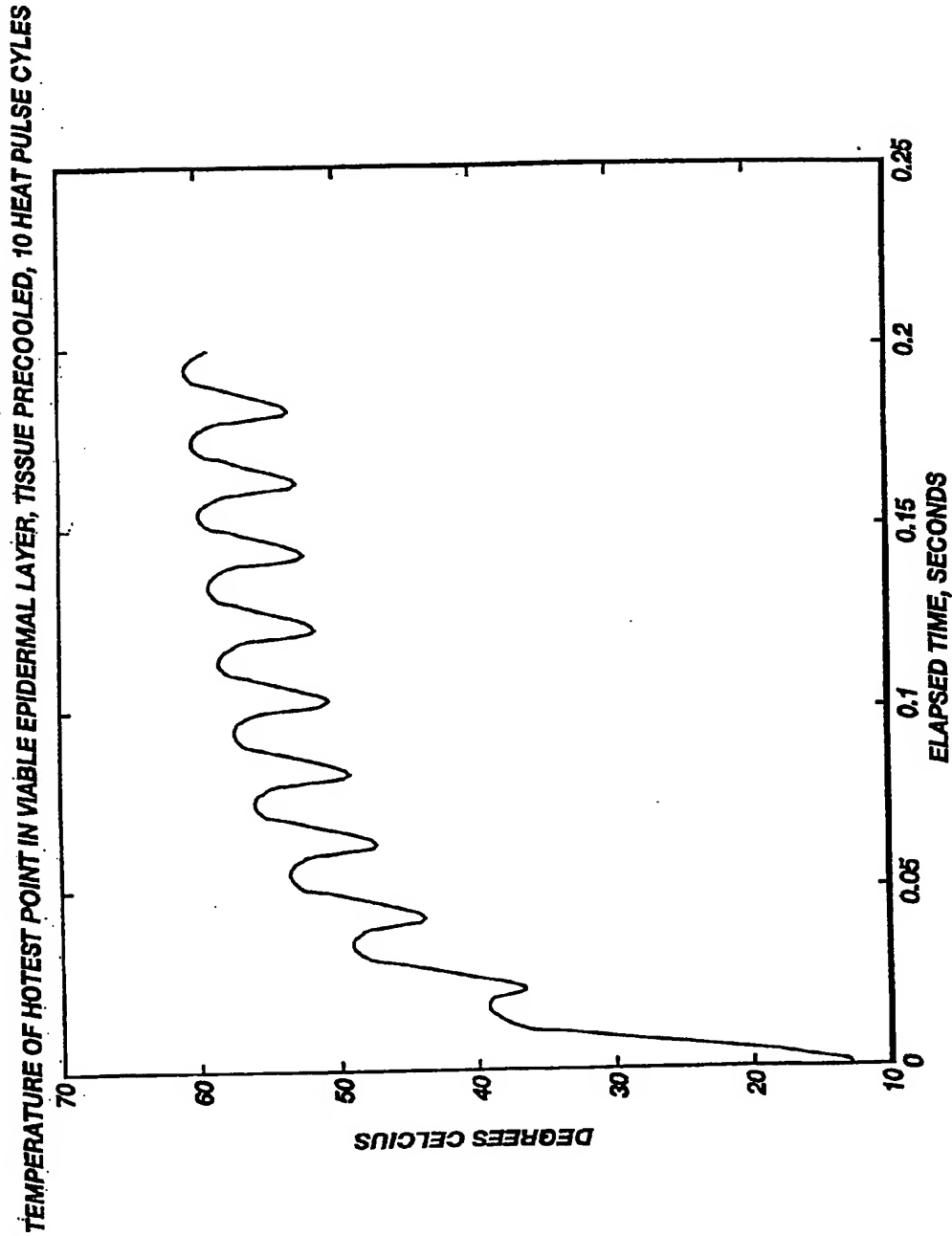
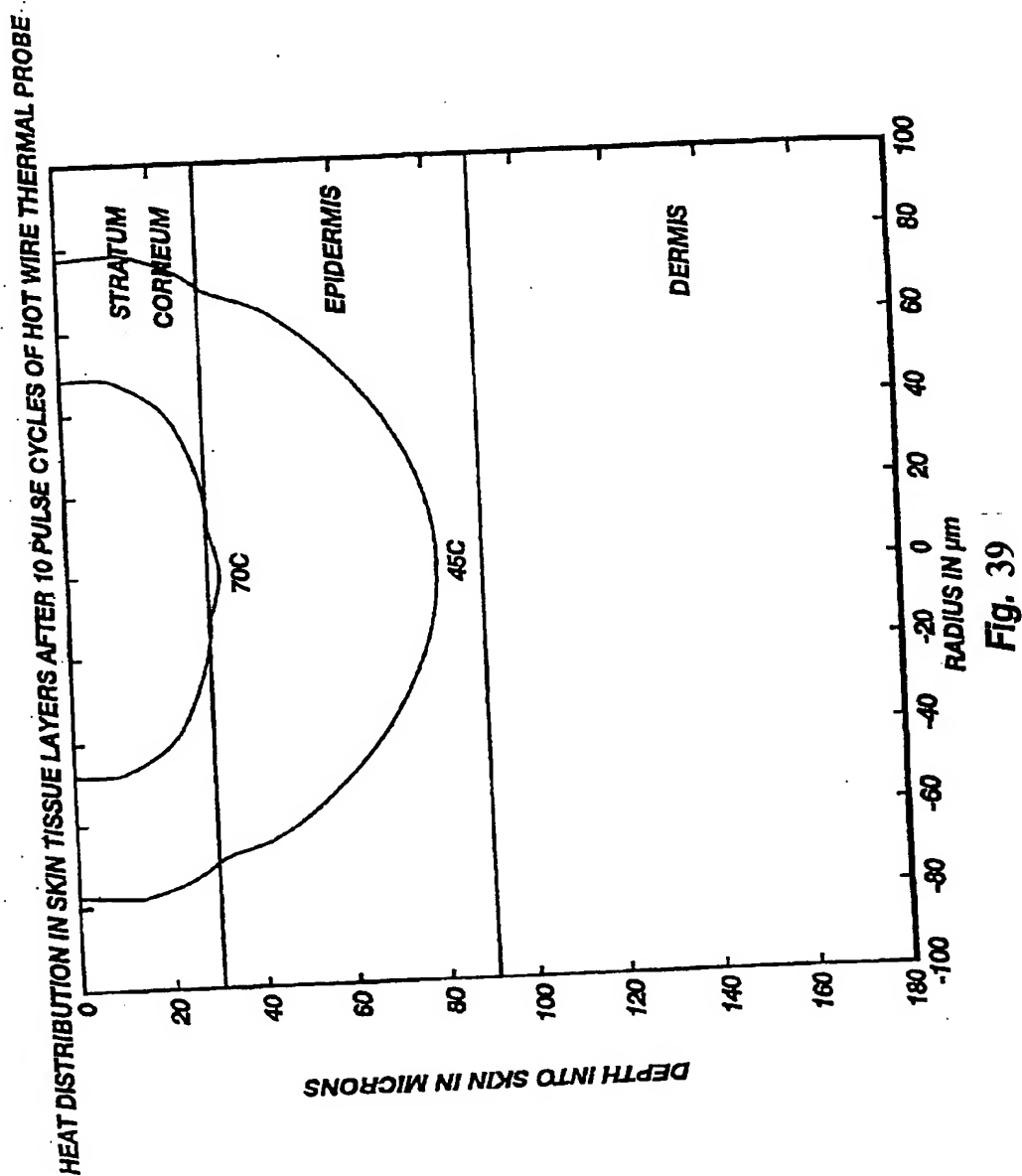


Fig. 38

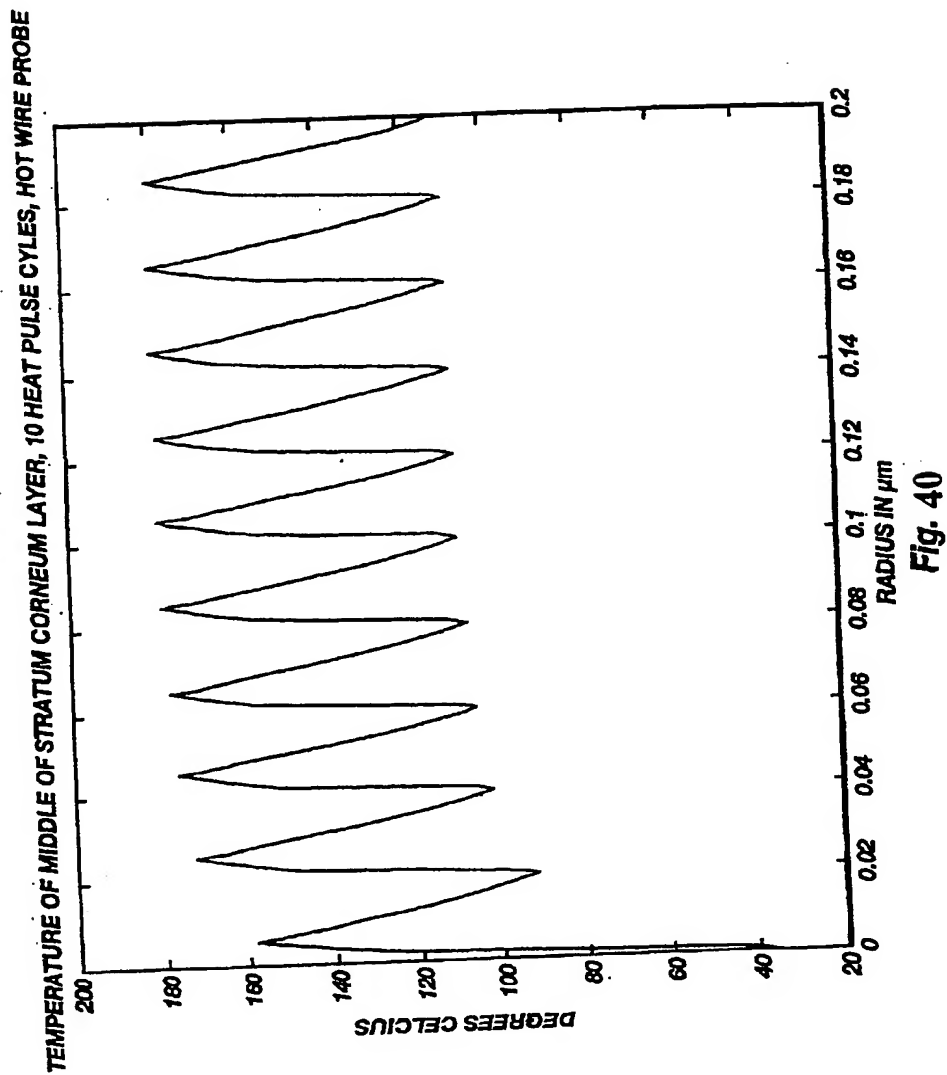


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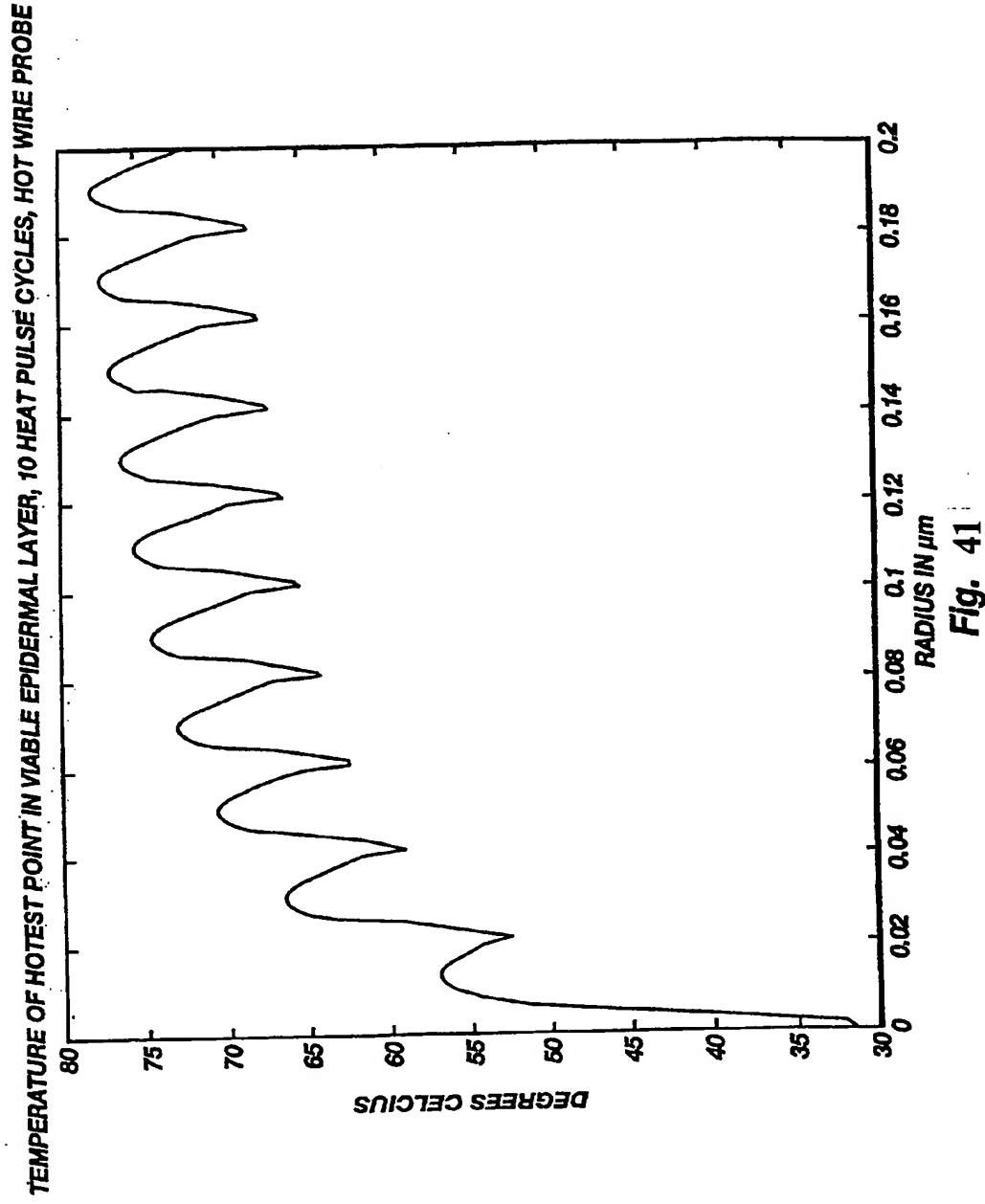


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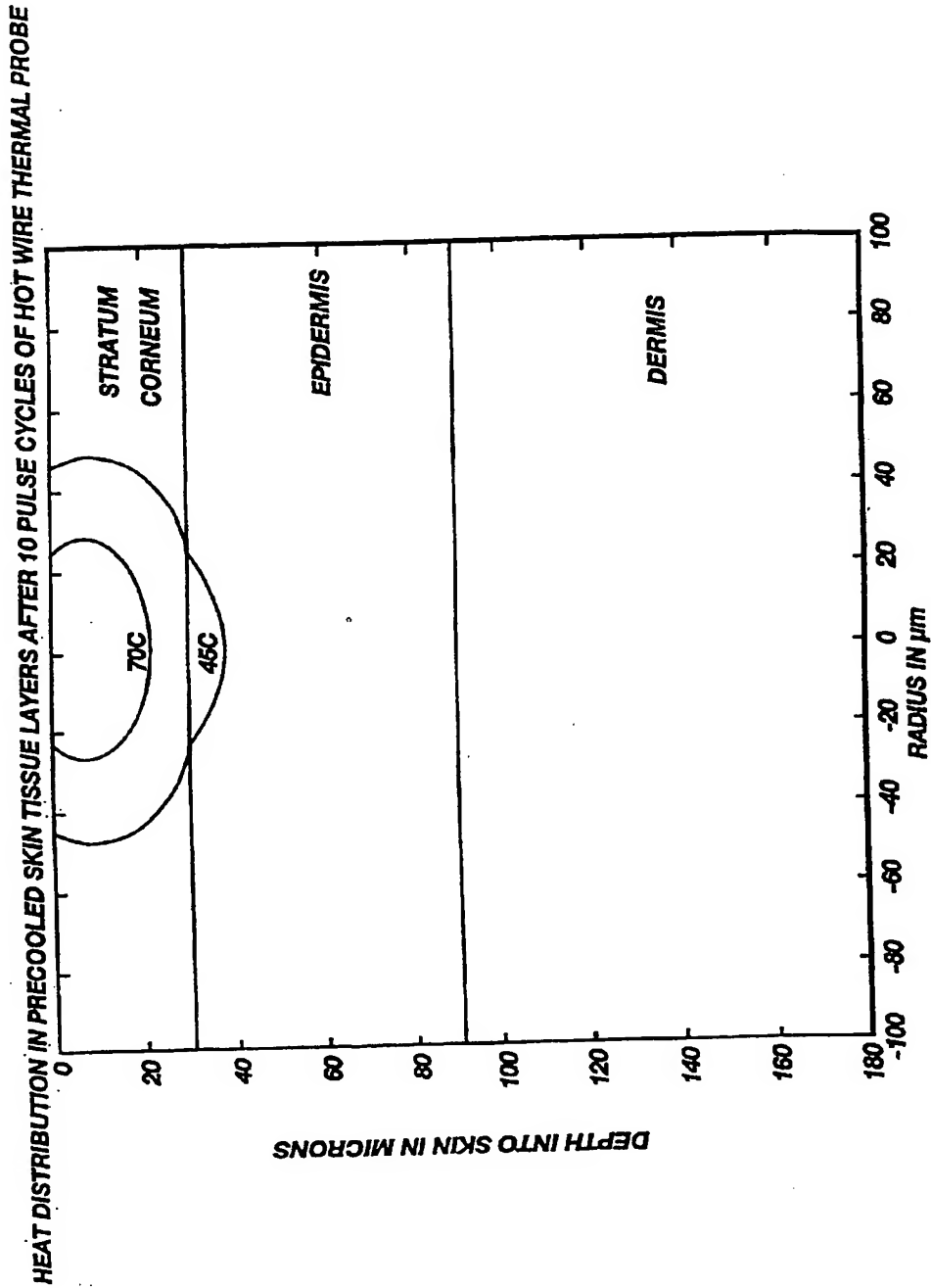


Fig. 42



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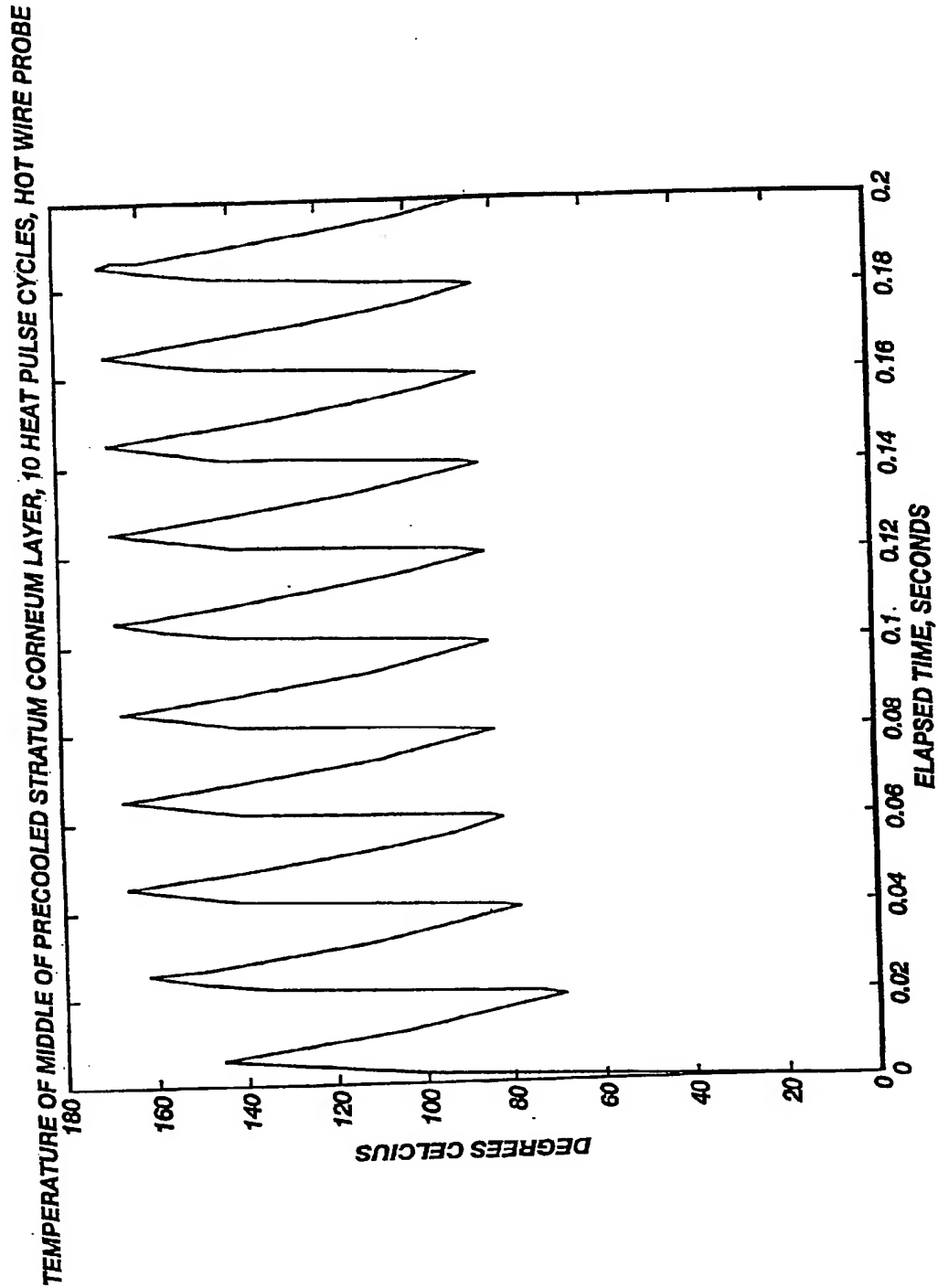


Fig. 43



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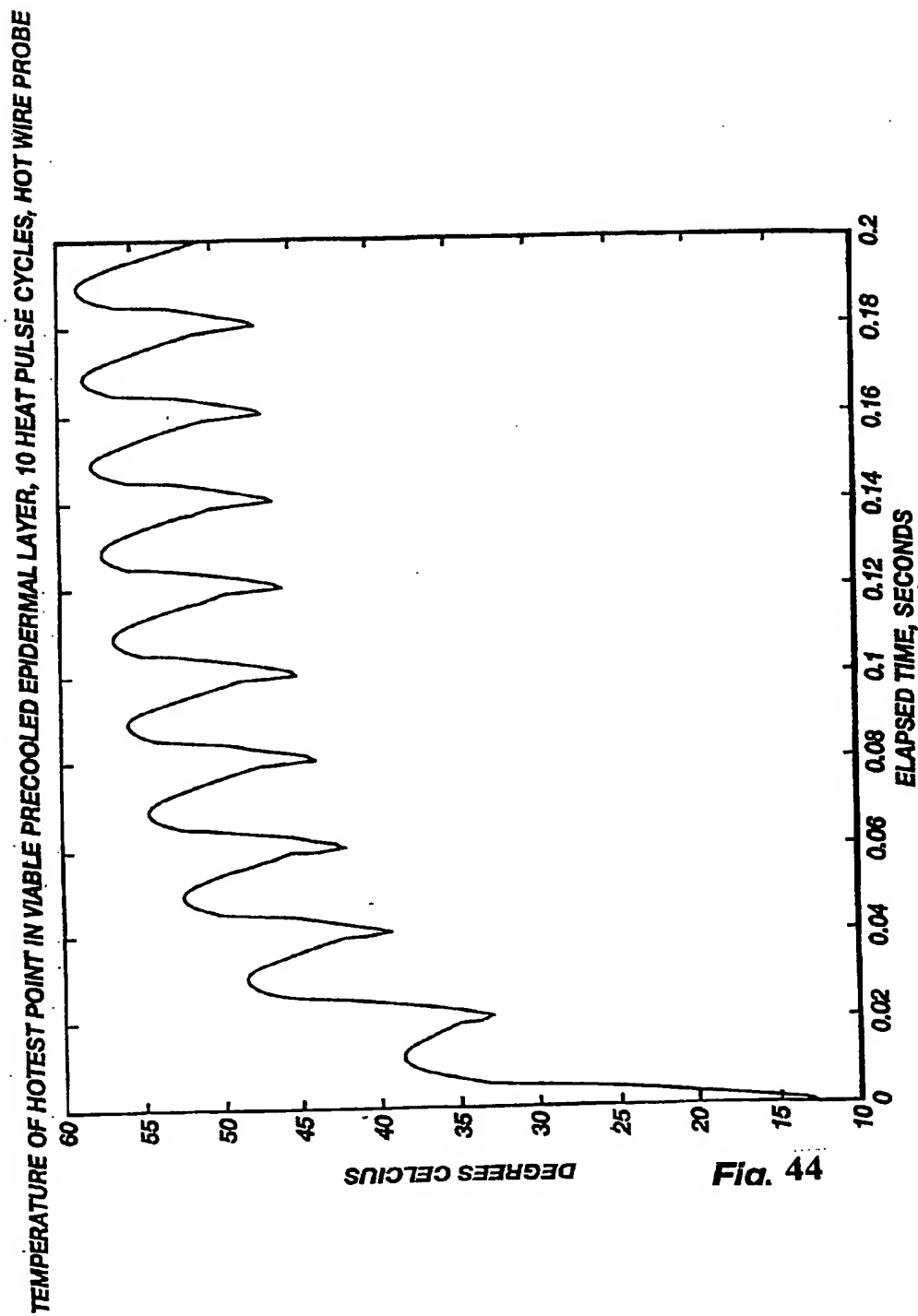


Fig. 44



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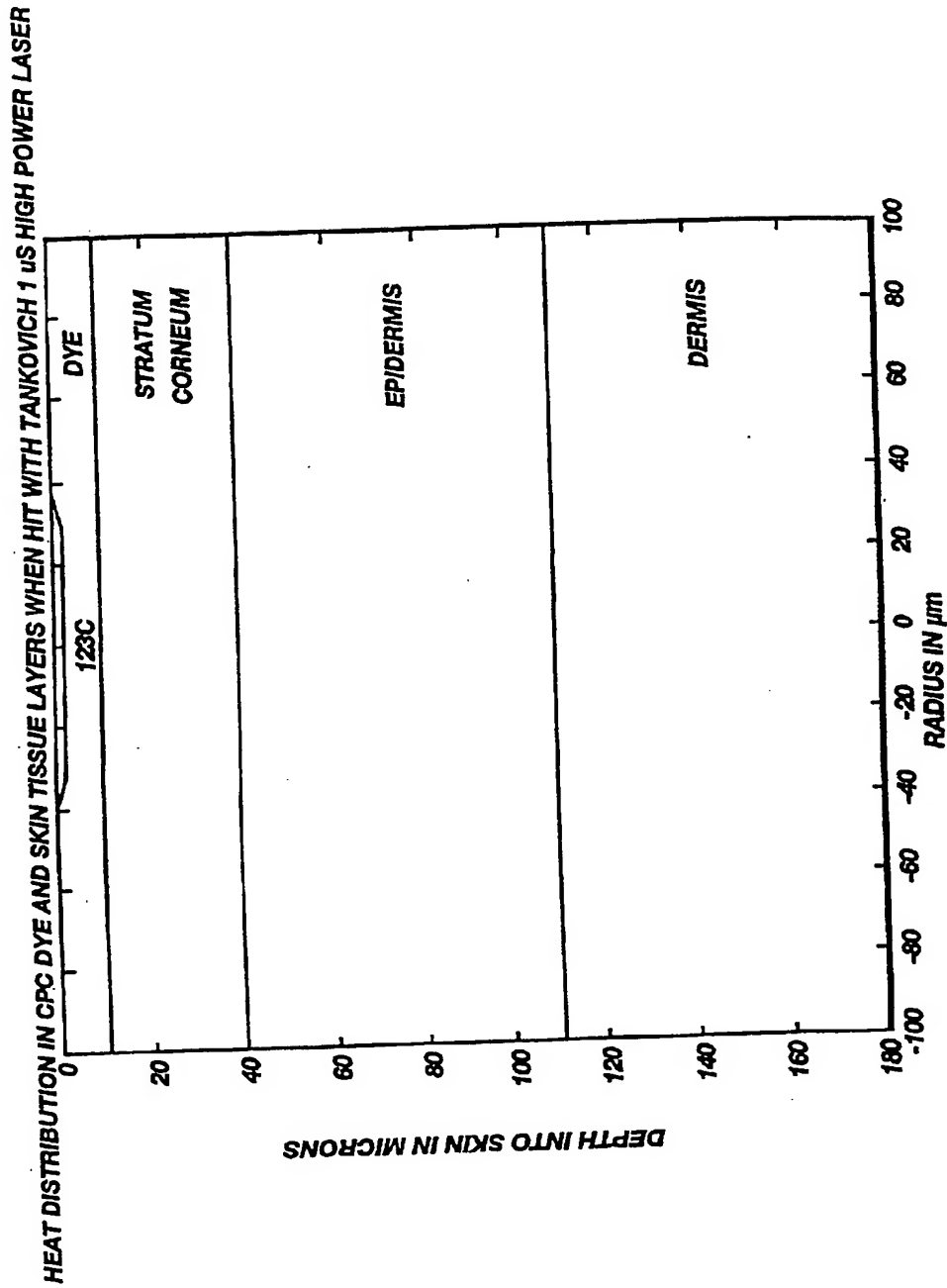
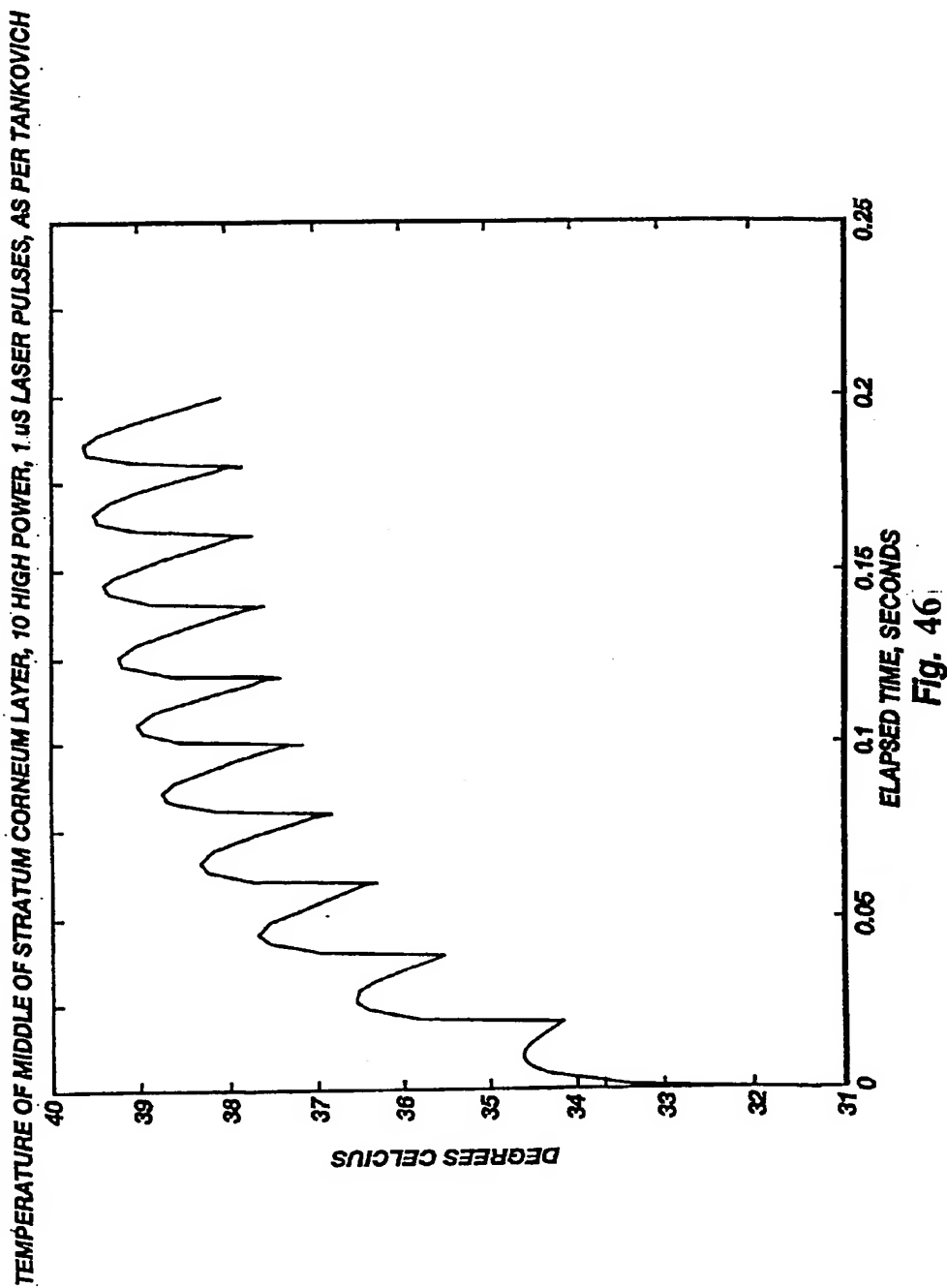


Fig. 45



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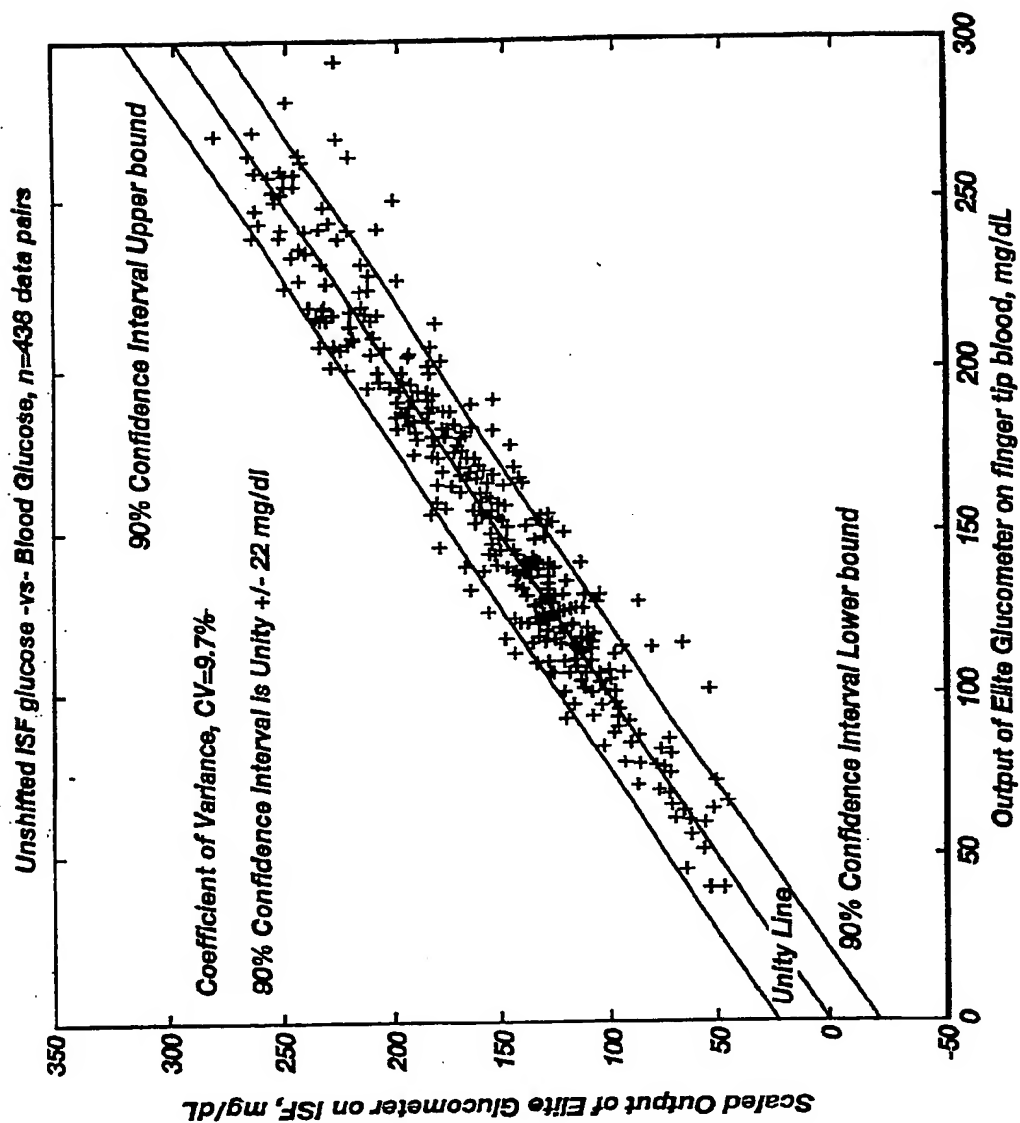


Fig. 48



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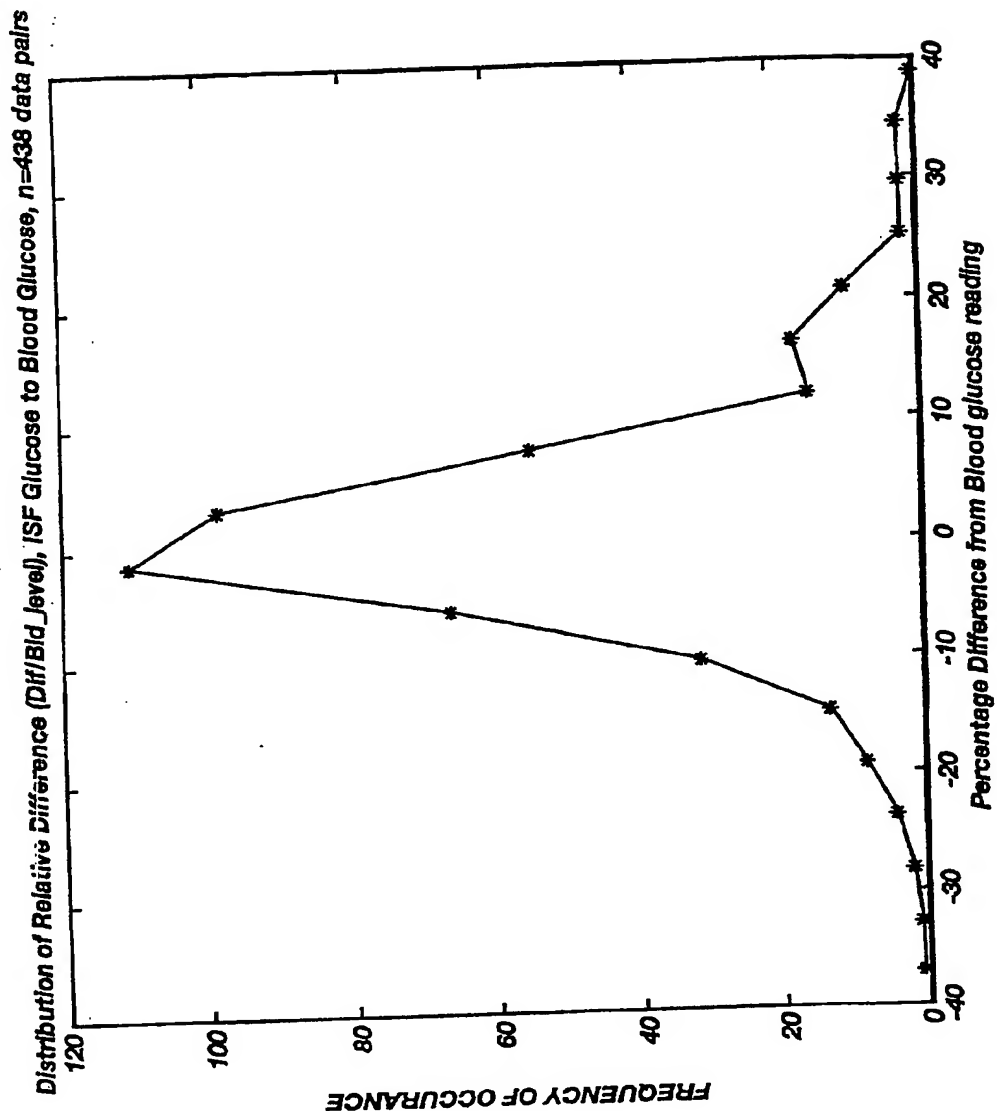


Fig. 49



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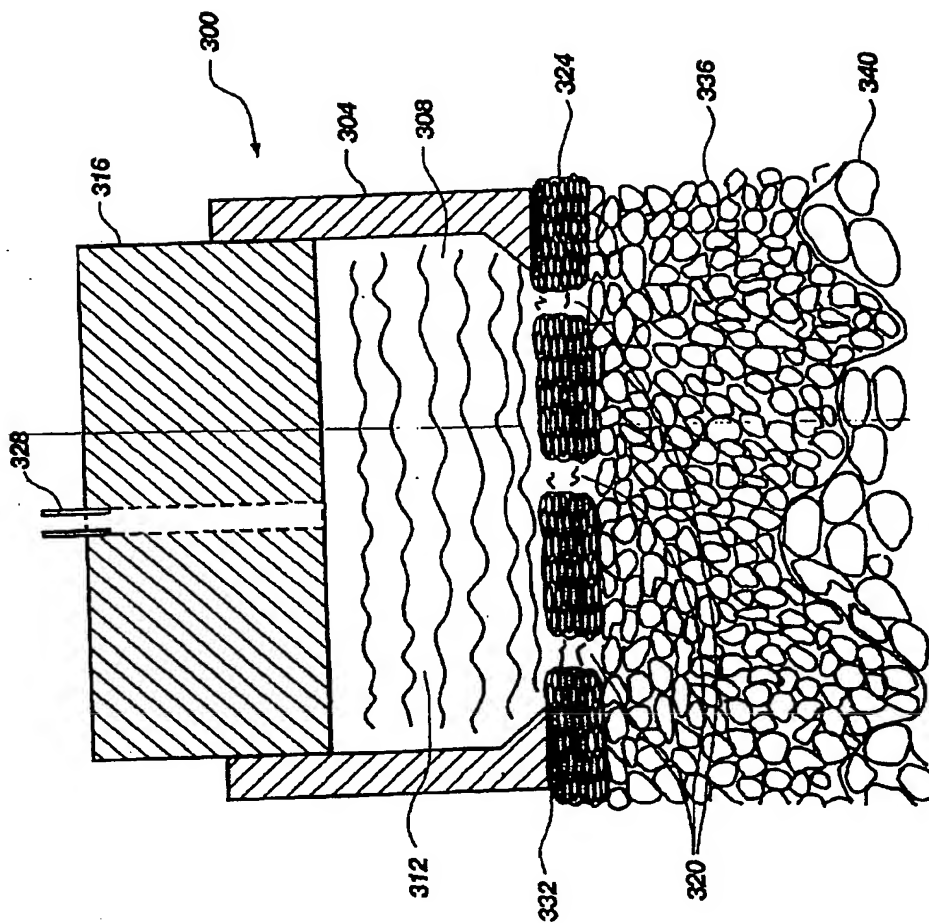


Fig. 50



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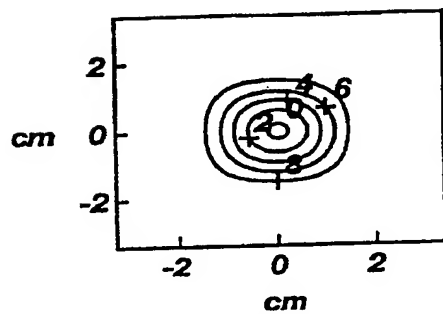


Fig. 51A

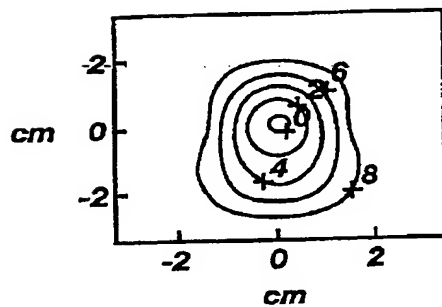


Fig. 51B

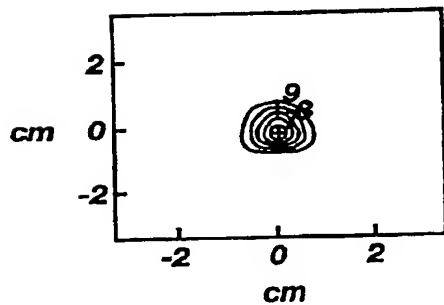


Fig. 51C



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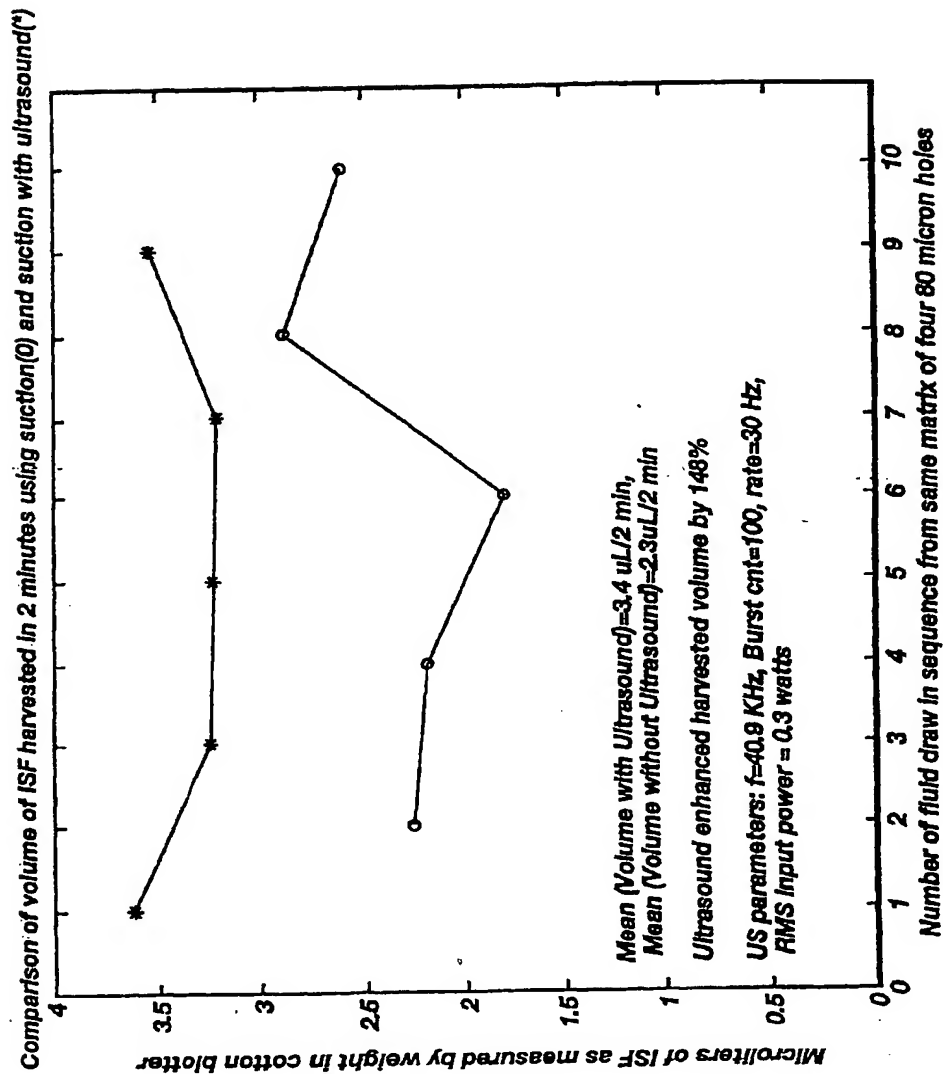


Fig. 52



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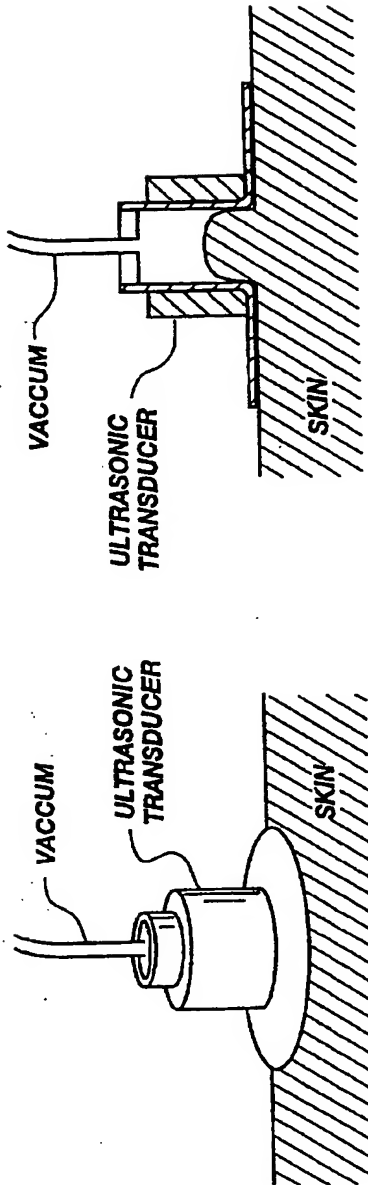


Fig. 54

Fig. 53

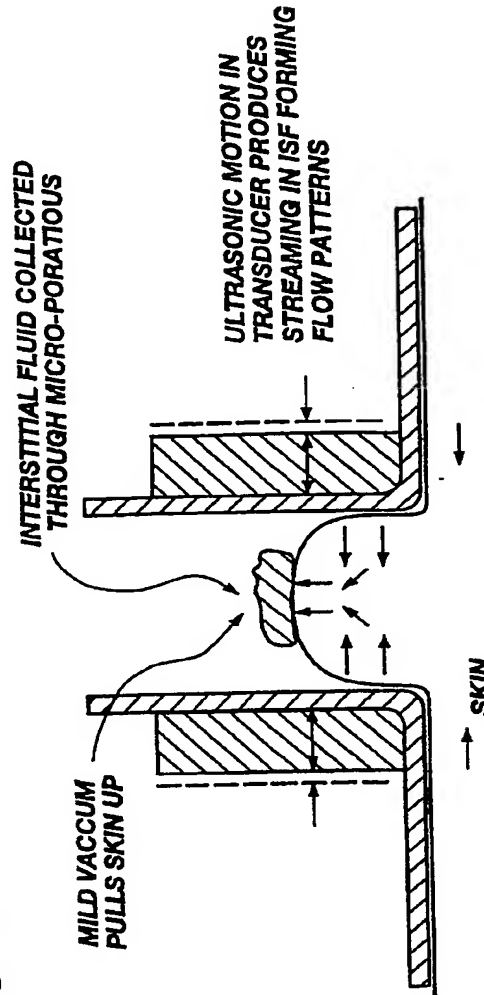


Fig. 55



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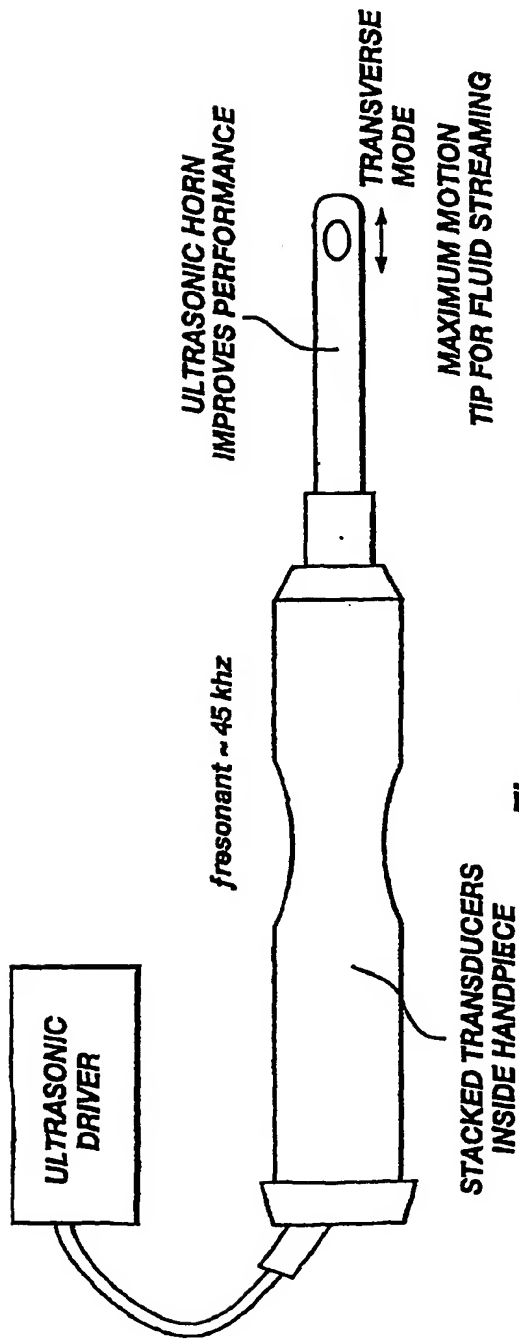


Fig. 56A

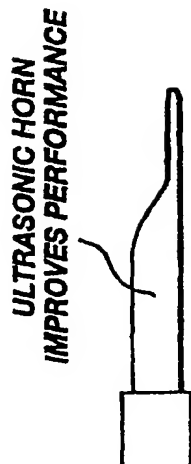


Fig. 56B



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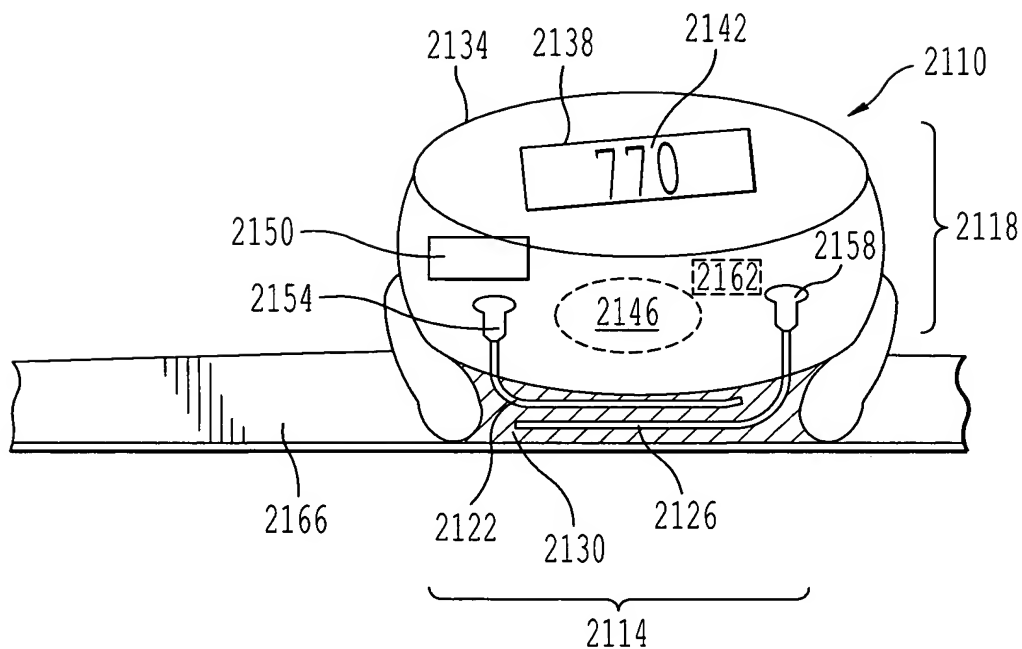


FIG. 57

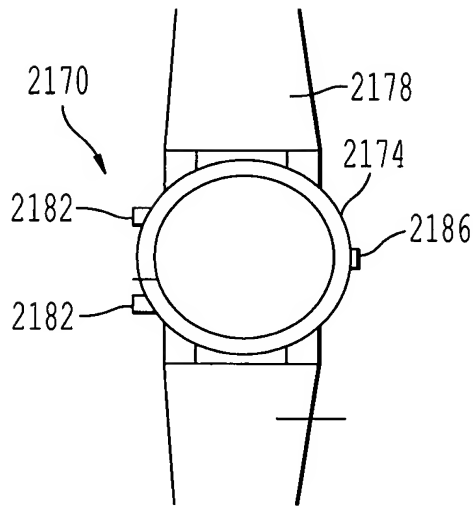


FIG. 58A

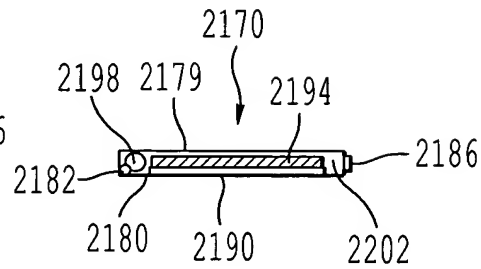


FIG. 58B

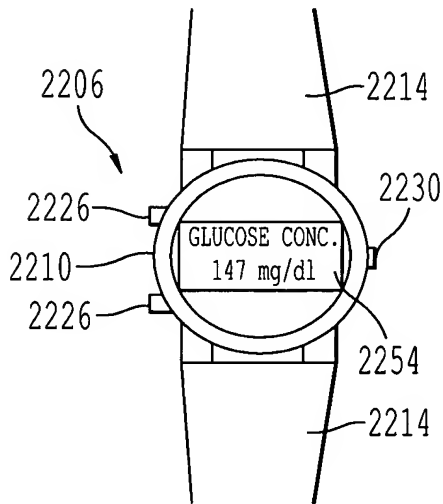


FIG. 59A

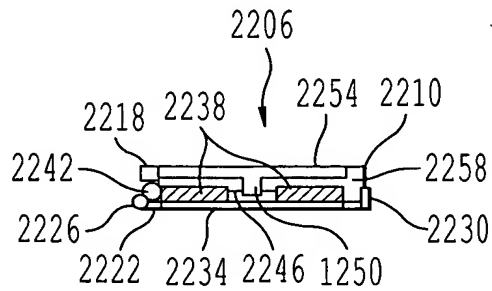


FIG. 59B